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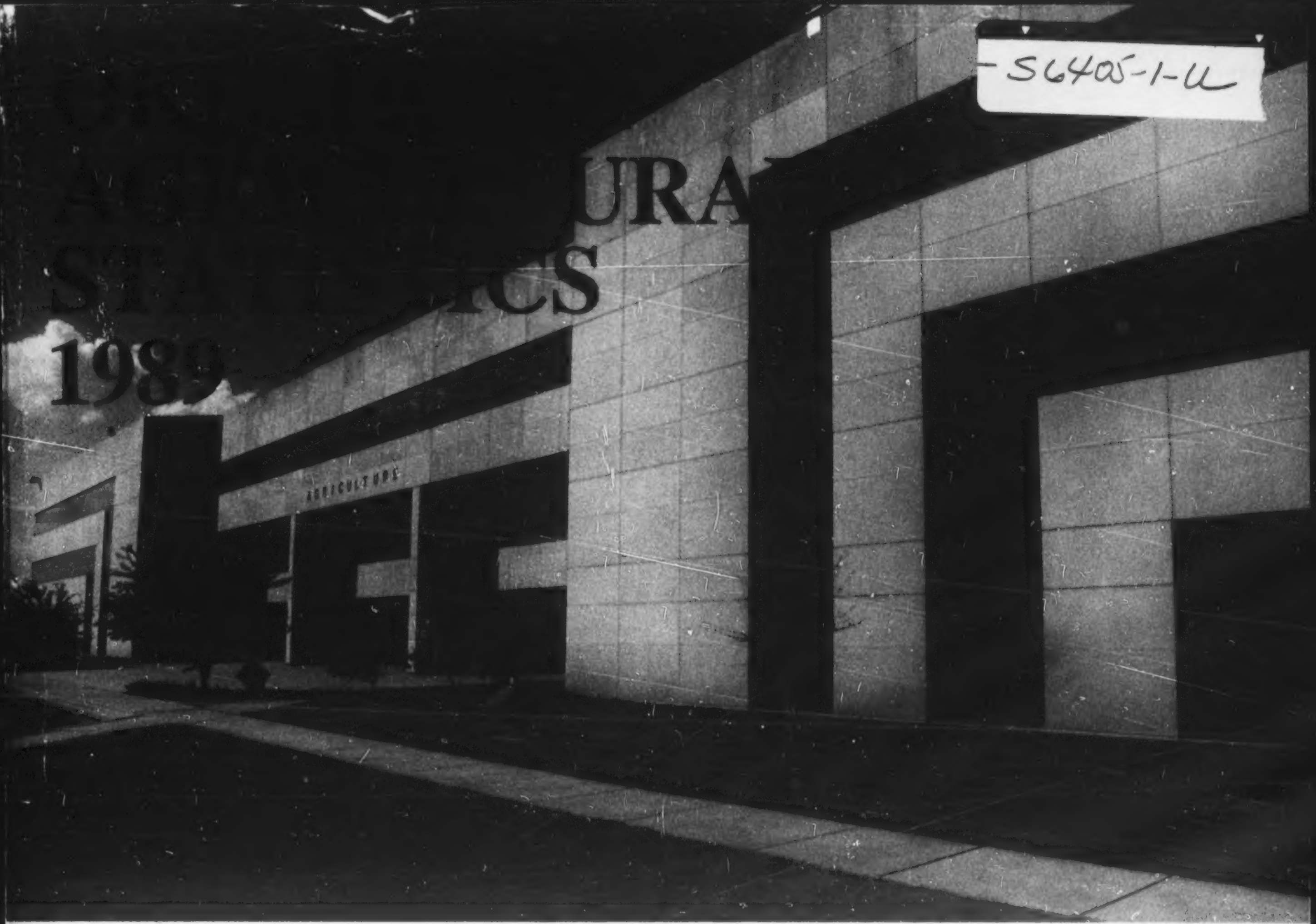
AGRICULTURAL STATISTICS 1989



ADMINISTRATION • ANIMAL INDUSTRY • AG PRODUCTS • AG STATS • FORESTRY • AG LAB • MARKET DEVELOPMENT • PLANT INDUSTRY • ANIMAL DAMAGE •

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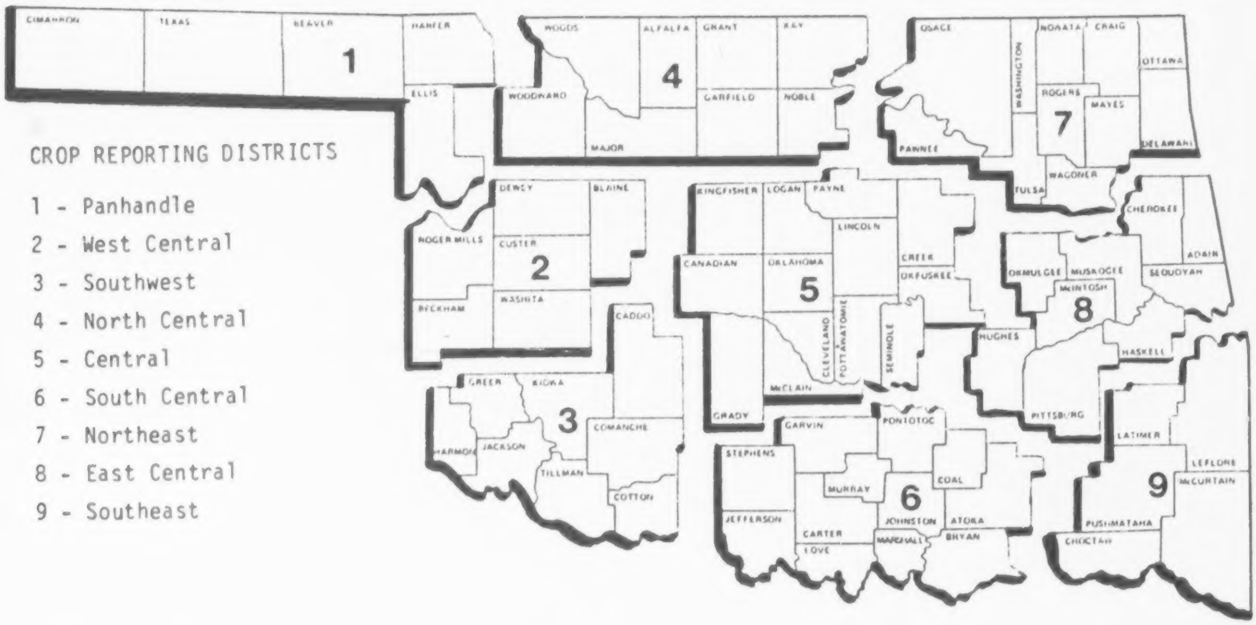

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Cover photo - State Department of Agriculture building
in Oklahoma City

We wish to thank Tonda Ames, Information Representative for the State Department of Agriculture for her assistance in this publication.

This material is based upon work supported by the
U.S. Department of Agriculture under Agreement No. 59-319T-6-00055.

This publication, issued by the Board of Affairs, Central Printing Division, is issued by the Division of Agricultural Statistics as authorized by the Oklahoma Board of Agriculture. Seventeen hundred copies have been prepared and distributed at a cost of $9,000. Copies have been deposited with the Publications Clearinghouse of the Oklahoma Department of Libraries.

CLARENCE BURCH

Mill Creek, Oklahoma

This "Oklahoma Agricultural Statistics 1989" edition is being issued as a tribute to Mr. Clarence Burch, retired State Board of Agriculture member from Mill Creek, Oklahoma. Having been appointed in 1979 to the State Board to fill an unexpired term, he subsequently was named to two full 5 year terms which he served with distinction and outstanding success.

Born at Olustee in Jackson County, Clarence Burch was an outstanding track competitor in the 880-yard run, setting high school and college records and gathering titles that would stand for years. He graduated from Oklahoma A&M with double degrees in Animal Science and Agricultural Economics in 1932.

In 1937, he started what is today the Burch Angus Ranch while serving as county Agricultural Extension Service Agent. The elder Burch still operates this Johnston county ranch in partnership with his son, Tom. Involved with many state boards and commissions, this long time rancher and devoted agriculturist has served Oklahoma rural interests with devotion and total commitment.

Alongside his cattle and ranching interests, Burch has been intensely involved with water management and development boards since the 1930's. He was presented the Oklahoma Water Resources Board Pioneer Award by Governor Henry Bellmon. Working on construction of several Oklahoma lakes, he later visited Oklahoma counties to help assess and plan for proper water supplies. Calling the efforts to create adequate water supply, "One of the number one priorities, not only for Oklahoma, but for the nation as a whole, for now and for the future," Burch showed that he had a tremendous insight and love for humanity.

Burch has served as Chairman of the Board of Regents for Murray State College in Tishomingo, and as Chairman of the Board of the United Methodist Church in Tishomingo.

Those of us who had the opportunity to work with him during his tenure on the Oklahoma Board of Agriculture will remember him for his tact and style. We say **'Thanks Mr. Burch'** for giving and serving.

OKLAHOMA DEPARTMENT OF AGRICULTURE
Service and Regulation

These two words describe the functions of today's Oklahoma Department of Agriculture.

As a service agency, it is concerned with consumer protection. The labeling of food products, quality of seeds, up-to-date market reports, tree care and accurate weights and measures are all under the Department's careful inspection. As a regulatory agency, the Department is committed to effectively and impartially enforcing state laws that affect agricultural products.

Meeting the needs of today's farmers and ranchers - that is what two of the Department's most successful programs are all about. The Oklahoma Department of Agriculture Link Deposit Program and the Agriculture Mediation Program are two sources of help that farmers and ranchers can turn to which are provided by the Department.

Since the inception of the (OALDP) just over a year ago, several million's of dollars have been made available to state farmers and ranchers at below market rates. This money helps agricultural producers who want to diversify, re-finance or market a value-added agricultural product.

The Agricultural Mediation Program provides farmers and ranchers and their creditors with mediation services. Trained financial specialists work with families to analyze the financial condition of their business. These specialists are interested in saving the family farm from possible foreclosure and bringing relief to many farmers and ranchers caught in Oklahoma's rural economic crisis.

Department employees also work with numerous youth organizations and commodity groups to educate people and promote Oklahoma agriculture. A few of these activities include the annual Agriculture Day at the State Capitol, where numerous commodity groups promote their particular products; the Ag. Leadership Program, where the main objective is to further develop future leaders for Oklahoma agriculture; and Ag. in the Classroom program.

From helping farmers obtain credit through the Oklahoma Ag. Link Deposit Program to promoting Ag. Day at the capitol to the Ag Leadership Program to Ag. in the classroom, the department is heavily involved in Oklahoma agriculture activities.

The duties and functions of the nine department divisions are overseen by a five member State Board of Agriculture. The members are appointed by the Governor with the consent of the Senate. Each member represents one area of each of the five agricultural districts in the State.

ADMINISTRATIVE SERVICES DIVISION

This division consists of personnel, finance and general services. They perform the budgetary processes necessary to manage the receipts, expenditures, and payroll as well as functions such as auditing department records. Personnel orients new employees, maintains training records, and job classification studies in addition to helping with retirement of Department employees. Purchases of supplies, mail, printing, and issuance of tags and licenses are also responsibilities of this division.

AGRICULTURAL STATISTICS DIVISION

The Agricultural Statistics Division is a cooperative program between the Oklahoma Department of Agriculture and the United States Department of Agriculture. Ag. Statistics measures Oklahoma's agricultural production; providing the industry with basic statistical data on crop and livestock production.

AGRICULTURAL LABORATORY DIVISION

The Agricultural Laboratory division checks livestock feeds, pet foods, fertilizers, pesticides, and herbicides to assure that these products meet the guarantee on the label. This division also conducts tests of cattle, swine, and horses for various diseases. The division is also responsible for monitoring and measuring pesticide residue in plants, livestock feeds, and water from lakes and streams. Crop and vegetable seeds are tested for purity and germination.

AGRICULTURAL PRODUCTS DIVISION

The Agricultural Products Division has the responsibility for a variety of agricultural products. The Division ensures that these products are manufactured, stored or sold in a manner that is safe, maintains quality and protects the consumer and the farmer.

The two major areas of responsibility involve providing licensed USDA grading services for fruits, vegetables, and peanuts and regulating, licensing, and examination services to all State licensed grain warehouses and administering the grain indemnity fund. Other duties are providing weights and measures service along with grading services for egg, poultry and dairy products.

ANIMAL DAMAGE CONTROL DIVISION

The control of wildlife damage or health-related problems associated with wildlife, are handled by direct control operations or by technical assistance. These objectives include helping preserve public health and safety, reducing damage to agricultural production and protecting forestry, range and wildlife resources.

ANIMAL INDUSTRY DIVISION

The Animal Industry Division inspects animals, meat and meat food products through all phases of processing. They are also responsible for the eradication and control of livestock diseases and parasites. Specific responsibilities are monitoring and controlling livestock diseases on farms, ranches, auction markets and feedlots.

FORESTRY DIVISION

The Division's overall mission is to assure that Oklahoma's forests and related resources meet the needs of the people of Oklahoma and are protected and well managed for future generations.

MARKET DEVELOPMENT DIVISION

This division assists producers, processors, wholesalers and retailers in marketing products. The international market development coordinators specialize in assisting both buyers and sellers with information and technical advise when conducting foreign trade.

The "Made in Oklahoma" program is designed to provide additional help in marketing commodities which are produced, processed or packaged in Oklahoma. They assist in the development of quality products and help to make them easy to identify by the consumers. Market Development Division's Market News section has entered into a cooperative agreement with the USDA to provide price information on all major Oklahoma Agricultural commodities.

PLANT INDUSTRY DIVISION

The Plant Division administers laws and programs concerning plants and soils. These include, but are not limited to, fertilizer, pesticides, seeds soil, and ground water protection programs. Considerable resources are committed to training, testing, and licensing pesticide applications.

Fellow Oklahomans:

Once again, the Oklahoma State Board of Agriculture is happy to present this year's "Oklahoma Agricultural Statistics - 1989" Annual Bulletin. Farming and ranching is the foundation of our State economy and provides the background for the complete picture of what Oklahoma's contribution is to the national economy.

This annual bulletin is our way of combining and publishing current data about agriculture production in Oklahoma. We also want to say **'Thank You'** to those thousands of Oklahoma farmers and ranchers who willingly gave of their time and information to supply the needed figures about their individual farms and ranches. These data help all decision makers everywhere in their daily efforts to produce, process and market the food and fiber that keep Americans fed and clothed, as well as many other people across the world.

We are departing from normal procedures this year and adding two features to our annual statistics bulletin that we feel are appropriate. One, we are dedicating this year's edition as a tribute to an outstanding Oklahoman who has contributed a tremendous amount of time and effort helping Oklahoma Agriculture develop to where it is today. Mr. Clarence Burch is recognized as one of those select few outstanding State leaders who has made many contributions to leadership and service on different agriculture boards and organizations across the State.

Secondly, we are recognizing the different Oklahoma Agriculture Divisions involved in the many different aspects of production and marketing of the varied products of our Oklahoma farmers and ranchers. The activities of our nine divisions run across several divergent and yet similar responsibilities; in that for the most part, they are on the front line in the education, regulation and development of the natural products of our great State. A description of these divisions' activities comprise the first two pages of this year's bulletin.

As we start the last decade of the century, we are challenged to improve on the productivity of agriculture. Much will be accomplished as further high technology processes are implemented in the production area of ag-products. Some of these new ideas will continue to change the face of the agriculture sector and yet help us in our ability to meet the changing conditions that we eagerly accept.

Sincerely,

Jack D. Craig

Jack D. Craig
President

1907

To: Oklahoma Agricultural Producers and Data Users:

As we enter a new decade, many of us are filled with a renewed optimism and hope that the last ten years of this century will be better for Agriculture than the previous ten years during the 1980's. We lost many farmers and ranchers during the last ten years and the rural areas have suffered from this out migration of families and income. The agri-businesses servicing our Oklahoma producers have declined in number and volume. The Oklahoma producers over the last several years have had improved cash receipts, maintained expenditures at a fairly consistent level, and improved the net farm income slightly.

Our office has been extremely busy this last year as we received the 1987 Census of Agriculture data, reviewed estimates and made a few changes, or revisions, in our historical estimates as a result of this new, more complete data series. A number of county estimates for crops and livestock have been revised to new levels and these sheets are available upon requests.

We were fortunate to have an industry funded Wheat Variety Survey and continued our Annual Farm Finance Survey for the sixth year. For the first time, we are providing county estimates on number of farm and ranch operations. This will be of particular interest at the local level. We appreciate the fine support of the State Board of Agriculture. Their funding for gathering and publishing the statistics of Oklahoma Agriculture provides current data for decision making purposes and historical records for future generations. Without the agricultural producers' and agri-businesses' cooperation, this publication would not be possible. We thank you for the commitment to provide basic data so that the whole industry will have better information with which to operate and make those day to day production and marketing decisions.

As usual, this year's "Oklahoma Agricultural Statistics 1989" Bulletin is based primarily on the results of surveys conducted during the past year. We have included the latest in formation available at press time. As mentioned earlier, some numbers were changed due to the availability of Census and later, more accurate information.

The office staff who prepared these agricultural statistics are Agricultural Statisticians Burt Bartlett, Joe Boudeman, Patricia Evans, Monnie Miller, and Dave Ranek. Data processing activities were directed by Brenda Hensley. The program support staff includes Deborah Bingham, Juanita Davis, Charlotte Gamble, Carla Greiner, Velta Hilburn, Peggy Lineberger, Beverly Masquat, Nancy Parsons, Mary Sheffert, Kathy Sherfield, Diane Suman, and Joanne Weece. Appreciation is expressed to Burt Bartlett, who was the general supervisor and coordinator for this publication.

Current reports and information are available upon request by writing the Commissioner of Agriculture or the State Statistician.

Sincerely,

Bob Bellinghausen

Bob Bellinghausen
State Statistician

OKLAHOMA
AGRICULTURAL
STATISTICS
SERVICE
Fact Finding
for Agriculture

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OKLAHOMA AGRICULTURAL STATISTICS SERVICE

SAMPLING METHODS AND ESTIMATION

The data collection program of the Oklahoma Agricultural Statistics Service consists of surveys designed to produce current agricultural statistics of acreages, yield and production of crops, livestock and poultry inventories, and other information pertaining to Oklahoma's agricultural economy.

The major sources of reliable information for crop and livestock reports are those who know the most--producers, hatcherymen, livestock feeders, slaughterhouse managers, grain elevator operators--the extensive users of the final estimates. Their cooperation is absolutely essential for a workable and useful estimating program.

Information is collected in many ways: mail surveys, telephone contacts, personal interviews, and in-the-field observations. Most estimates are based upon probability sample surveys. That is, what is happening with the total group is accurately inferred from contacts with a scientifically selected portion of the total. Or stated another way--information from only a part of the total group is used to estimate the activities of the entire group. Sampling is not only less costly in time and money than a complete count, but the accuracy can be measured and controlled by sample sizes that are cost effective and efficient in terms of measuring level of change from one time period to another.

Probability surveys are based upon contacts with farmers operating in selected areas of land--an area frame sample--or farmers selected from a list of producers--a list frame sample. In addition to surveys of individual farmers, objective counts and measurements are taken each month throughout the growing season from 170 randomly selected wheat yield plots.

Quarterly Agricultural probability surveys conducted in Oklahoma are designed to have a procedure for measuring the accuracy for each individual survey. This unit of measurement is referred as the standard error and/or coefficient of variation (CV). Standard error is the square root of the variance for a sample estimate. CV is the standard error divided by the survey estimate, usually expressed as a percentage. Oklahoma cattle surveys are designed for a 5.0 CV (+_ 5% survey estimate) which usually implies a fairly precise estimate given resource allocations for a January 1 sample size of approximately 2200 operations.

John D. Cole,
Deputy State Statistician

OKLAHOMA

AGRICULTURAL STATISTICS

1989

Published by

OKLAHOMA DEPARTMENT OF AGRICULTURE

2800 N. Lincoln Blvd.

Oklahoma City, Oklahoma 73105-4298

Jack D. Craig, Commissioner
Clifford W. LeGate, Deputy Commissioner

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National Agricultural Statistics Service

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Compiled by

OKLAHOMA AGRICULTURAL STATISTICS SERVICE

2800 N. Lincoln Blvd.

Oklahoma City, Oklahoma 73105-4298

Bob Bellinghausen, State Statistician

John D. Cole, Deputy State Statistician

U.S. CENSUS OF AGRICULTURE - OKLAHOMA FARM DATA IN BRIEF

ITEM		1978	1982	1987
Land Utilization				
Total Land Area	Acres	44,021,760	43,939,270	**—**
Land in Farms	Acres	3,737,292	32,369,206	**31,541,977**
Percent of Land in Farms.	Percent	76.6	73.7	**—**
Number of Farms	Number	72,237	72,523	**70,228**
Average Size of Farm. . .	Acres	467	446	**449**
Farm Operations by Size:				
Less Than 10 Acres. . .	Number	2,749	3,244	**3,666**
10 to 49 Acres.	Number	7,894	10,651	**10,134**
50 to 179 Acres	Number	23,643	23,558	**22,331**
180 to 499 Acres. . . .	Number	20,352	18,670	**18,006**
500 to 999 Acres. . . .	Number	10,038	8,850	**8,405**
1000 Acres or More. . .	Number	7,561	7,550	**7,686**
Cropland, Total	Acres	14,365,738	14,213,548	**14,443,459**
Woodland, Total	Acres	2,067,571	2,070,258	**2,047,767**
Irrigated Land in Farms, Total	Acres	601,723	492,077	**478,437**
Farm Operators				
Full Owners, All Farms. .	Number	38,822	41,705	**40,153**
Part Owners, All Farms. .	Number	24,852	23,065	**22,807**
Tenants, All Farms. . . .	Number	8,563	7,753	**7,268**
Farm Operators by Age:				
Under 25 Yrs.	Number	1,826	1,746	**923**
25 to 34 Yrs.	Number	7,928	8,038	**6,680**
35 to 44 Yrs.	Number	13,742	13,772	**12,551**
45 to 54 Yrs.	Number	17,196	16,322	**15,599**
55 to 64 Yrs.	Number	17,364	17,276	**17,002**
65 Yrs and Older. . . .	Number	14,181	15,369	**17,473**
Average Age	Years	51.4	51.9	**53.6**

CROP RECORDS, OKLAHOMA, 1894-1989

Crop	Date Series Began	Unit	Record	Harvested Acreage		Harvested Yield per Acre		Production	
				Year 1/	Acres (000)	Year 1/	Yield	Year 1/	Total (000)
Winter Wheat	1894	Bu.	High	1982	6,900	1979	38.0	1982	227,700
			Low	1896	250	1955	8.0	1895	2,200
Oats	1897	Bu.	High	1921	1,705	1983	49.0	1920	45,780
			Low	1989	60	1911	10.0	1989	2,040
Barley	1899	Bu.	High	1961	757	1988	48.0	1970	23,400
			Low	1909	10	1911	5.0	1913	119
Rye	1899	Bu.	High	1939	123	1983	26.0	1973	1,333
			Low	1910	4	1951	5.0	1911	28
Corn for Grain	1924	Bu.	High	1932	3,176	1989	118.0	1927	71,737
			Low	1967	30	1934	6.4	1966	814
Grain Sorghum	1919	Bu.	High	1955	1,179	1989	49.0	1969	26,840
			Low	1936	350	1936	6.0	1936	2,090
Cotton 2/	1894	Lb.	High	1925	5,288	1979	432	1926	1,773
			Low	1895	185	1934	58	1895	83
All Hay	1909	Ton	High	1989	2,400	1985	2.28	1989	5,025
			Low	1928	855	1934	.82	1911	730
Alfalfa Hay	1924	Ton	High	1954	604	1985	3.90	1989	1,710
			Low	1928	175	1956	1.15	1925	292
Soybeans	1924	Bu.	High	1979	360	1987	25.0	1979	8,280
			Low	1936	1	1934	3.0	1936	4
Peanuts	1909	Lb.	High	1947	325	1988	2,320	1977	267,600
			Low	1913	1	1943	220	1909	450

LIVESTOCK RECORDS, OKLAHOMA, 1891-1990

Species	Date Series Began	Record	Year 1/	January 1 Inventory (000)
All Cattle and Calves	1891	High	1975	6,500
		Low	1891	787
Milk Cows	1891	High	1944	912
		Low	1891	30
All Hogs and Pigs 3/	1891	High	1911	1,600
		Low	1891	26
All Sheep and Lambs	1924	High	1942	399
		Low	1924	63
All Chickens 3/	1924	High	1944	16,247
		Low	1974	2,800

1/ Latest years that records were achieved. Some records were equaled earlier.
2/ Production in bales. As of 1971, 480-pound bales; prior years, 500-pound bales.
3/ Changed from January 1 to December 1 inventory--Hogs in 1967, Chickens in 1969.

NUMBER OF FARMS AND LAND IN FARMS, OKLAHOMA AND U.S., 1986-1990 1/

Year	Oklahoma			United States		
	Number of Farms	Land in Farms	Avg Size of Farm	Number of Farms	Land in Farms	Avg Size of Farm
		-Million Acres-	-Acres-		-Million Acres-	-Acres-
1986	72,000	33.0	458	2,249,820	1,005.3	447
1987	71,000	33.0	465	2,212,960	998.9	451
1988	70,000	33.0	471	2,197,140	994.5	453
1989	70,000	33.0	471	2,170,520	991.2	457
1990	**70,000**	**33.0**	**471**	**2,143,150**	**987.7**	**461**

LIVESTOCK INVENTORY NUMBERS, OKLAHOMA, JANUARY 1, 1986-1990

Year	All Cattle and Calves	Beef Cows	Milk Cows	All Sheep and Lambs	All Hogs and Pigs 2/	Farm Chickens 2/ 3/
	-Thousand Head-					
1986	5,200	1,845	105	105	200	4,800
1987	5,150	1,946	104	125	220	4,750
1988	5,000	1,799	101	140	200	4,850
1989	5,150	1,849	101	151	240	4,900
1990	**5,300**	**1,900**	**100**	**142**	**230**	**4,800**

CROPS - PLANTED AND HARVESTED ACREAGE, YIELD AND PRODUCTION, OKLAHOMA, 1989

Crops	Units	Acreage Planted	Acreage Harvested	Yield per Acre	Production
		-Thousands-			Thousands
Winter Wheat	Bu.	7,300	5,700	27.0	153,900
Oats	Bu.	130	60	34.0	2,040
Barley	Bu.	25	20	45.0	900
Rye	Bu.	100	28	19.0	532
Corn for Grain	Bu.	95	78	118.0	9,204
Grain Sorghum	Bu.	400	360	49.0	17,640
Cotton Lint	Lbs/Bales	370	340	244	173
All Hay	Tons	-	2,400	2.09	5,025
Alfalfa Hay	Tons	-	450	3.80	1,710
All Other Hay	Tons	-	1,950	1.70	3,315
Soybeans	Bu.	300	285	24.0	6,840
Peanuts	Lbs.	99	98	2,150	210,700
TOTAL HARVESTED ACRES			9,369		

1/ A farm is a place that normally would sell $1,000 of agricultural commodities.
2/ December 1 previous year.
3/ Excludes commercial broilers.

NUMBER OF FARMS, BY COUNTY, OKLAHOMA, 1987-1989 1/

District and County	Number of Farms		
	1987	1988	1989
PANHANDLE			
Beaver	835	825	825
Cimarron	465	455	455
Ellis	630	620	620
Harper	510	500	500
Texas	810	800	800
Total	3,250	3,200	3,200
WEST CENTRAL			
Beckham	825	810	810
Blaine	930	915	915
Custer	870	860	860
Dewey	735	725	725
Roger Mills	720	710	710
Washita	1,100	1,080	1,080
Total	5,180	5,100	5,100
SOUTHWEST			
Caddo	1,550	1,530	1,530
Comanche	960	945	945
Cotton	520	510	510
Greer	485	475	475
Harmon	385	380	380
Jackson	710	700	700
Kiowa	770	760	760
Tillman	670	660	660
Total	6,050	5,960	5,960
NORTH CENTRAL			
Alfalfa	795	785	785
Garfield	1,200	1,180	1,180
Grant	875	865	865
Kay	980	965	965
Major	905	890	890
Noble	735	725	725
Woods	760	750	750
Woodward	760	750	750
Total	7,010	6,910	6,910
CENTRAL			
Canadian	1,100	1,085	1,085
Cleveland	905	890	890
Creek	1,145	1,130	1,130
Grady	1,520	1,500	1,500
Kingfisher	955	940	940
Lincoln	1,630	1,610	1,610
Logan	935	920	920
McClain	910	895	895
Okfuskee	745	735	735
Oklahoma	995	980	980
Payne	1,120	1,105	1,105
Pottawatomie	1,300	1,285	1,285
Seminole	1,000	985	985
Total	14,260	14,060	14,060
SOUTH CENTRAL			
Atoka	950	940	940
Bryan	1,400	1,380	1,380
Carter	1,065	1,050	1,050
Coal	585	575	575
Garvin	1,340	1,320	1,320
Jefferson	530	525	525
Johnston	545	540	540
Love	595	585	585
Marshall	405	400	400
Murray	425	420	420
Pontotoc	1,040	1,025	1,025
Stephens	1,080	1,060	1,060
Total	9,960	9,820	9,820
NORTHEAST			
Craig	1,080	1,065	1,065
Delaware	1,210	1,195	1,195
Mayes	1,270	1,250	1,250
Nowata	690	680	680
Osage	1,035	1,020	1,020
Ottawa	965	955	955
Pawnee	635	625	625
Rogers	1,190	1,175	1,175
Tulsa	925	915	915
Wagoner	905	895	895
Washington	675	665	665
Total	10,580	10,440	10,440
EAST CENTRAL			
Adair	1,010	995	995
Cherokee	1,060	1,045	1,045
Haskell	780	770	770
Hughes	890	880	880
McIntosh	865	855	855
Muskogee	1,370	1,355	1,355
Okmulgee	1,020	1,005	1,005
Pittsburg	1,420	1,405	1,405
Sequoyah	985	970	970
Total	9,400	9,280	9,280
SOUTHEAST			
Choctaw	940	925	925
Latimer	625	615	615
LeFlore	1,560	1,540	1,540
McCurtain	1,460	1,440	1,440
Pushmataha	725	710	710
Total	5,310	5,230	5,230
STATE TOTAL	**71,000**	**70,000**	**70,000**

1/ U.S. Department of Commerce, Census of Agriculture, basic source of information scaled and projected to U.S. Department of Agriculture official State numbers.

RANK AMONG THE STATES, CROP PRODUCTION, OKLAHOMA, 1981-1989

CROP	No. of States 1/	CROP YEAR 1981	1982	1983	1984	1985	1986	1987	1988	1989
	-No.-	-Rank-								
All Wheat	42	5	3	5	3	4	3	4	2	**3**
Winter Wheat	42	3	2	4	2	3	2	2	2	**2**
Barley	28	28	26	25	22	24	24	25	25	**22**
Oats	35	21	19	21	18	20	17	23	24	**27**
Rye	26	7	6	6	6	7	6	11	7	**9**
Corn, Grain	41	35	36	36	36	37	37	34	31	**31**
Grain Sorghum	20	5	5	8	10	10	7	6	5	**6**
Cotton	17	7	9	9	11	10	9	9	11	**11**
All Hay	48	17	18	16	18	12	17	16	14	**11**
Alfalfa Hay	43	24	24	22	24	21	20	24	19	**19**
Soybeans	29	27	27	27	28	29	26	25	27	**27**
Peanuts	9	6	6	6	7	7	7	6	7	**7**
Pecans	11	3	6	6	2	6	6	6	3	**7**
Peaches	32	22	17	22	21	14	22	24	10	**8**

RANK AMONG THE STATES, DAIRY AND POULTRY RPODCUTS, OKLAHOMA, 1981-1989

ITEM	No. of States 1/	YEAR 1981	1982	1983	1984	1985	1986	1987	1988	1989
Broilers Produced	50	15	13	13	14	14	14	13	13	**12**
Eggs	50	26	25	25	22	21	23	24	25	**24**
Milk Production	50	26	26	26	26	26	28	28	29	**30**

RANK AMONG THE STATES, LIVESTOCK INVENTORIES, OKLAHOMA, JANUARY 1, 1982-1990

SPECIES	No. of States 1/	YEAR 1982	1983	1984	1985	1986	1987	1988	1989	1990
	-No.-	-Rank-								
Cattle & Calves	50	5	6	5	4	4	4	4	4	**4**
Hogs 2/	50	27	25	23	24	26	23	27	23	**23**
Sheep & Lambs	50	27	22	21	26	24	23	20	20	**22**
Catfish	17	-	-	-	-	-	-	-	10	**11**
Angora Goats	5	-	-	-	-	-	-	-	4	**4**

1/ Number of States in estimating program in 1989.
2/ December 1 previous year.

RANK AND VALUE OF PRODUCTION OF PRINCIPAL CROPS AND LIVESTOCK, OKLAHOMA, 1985-1989

ITEM	1985		1986		1987		1988		1989	
	Rank	Value	Rank	Value	Rank	Value	Rank	Value	Rank	Value
					-Million Dollars-					
Cattle & Calves	1	1,050	1	1,141	1	1,227	1	1,310	**1**	**1,379**
Winter Wheat	2	480	2	344	2	319	2	617	**2**	**585**
All Hay	3	279	3	226	3	267	3	305	**3**	**347**
Poultry & Eggs 1/	5	125	4	176	4	171	4	213	**4**	**269**
Milk Production	4	160	5	157	5	157	5	152	**5**	**172**
Peanuts	8	45	6	60	7	57	8	62	**6**	**61**
Cotton Lint	6	67	7	44	6	97	7	68	**7**	**47**
Grain Sorghum	7	46	9	35	9	32	6	39	**8**	**37**
Hogs & Pigs	9	36	8	41	8	43	9	37	**9**	**37**
Soybeans	10	21	10	22	10	34	10	35	**10**	**36**
Corn for Grain	11	16	11	10	11	16	12	18	**11**	**22**
Peaches	17	2	16	2	16	1	13	7	**12**	**7**
Pecans	12	6	12	9	13	5	11	20	**13**	**6**
Sheep & Wool	15	4	14	5	15	4	15	5	**14**	**5**
Oats	13	5	13	6	14	4	14	6	**15**	**4**
Angora Goats	-	-	-	-	-	-	16	4	**16**	**4**
Barley	14	4	15	2	17	1	18	2	**17**	**2**
Rye	16	2	17	1	18	1	19	2	**18**	**2**
Catfish	-	-	-	-	12	6	17	3	**19**	**1**
TOTAL VALUE		2,348		2,281		2,442		2,905		**3,023**

1/ Gross Income. Turkey production not included.

OKLAHOMA
CROP - WEATHER SUMMARY

OKLAHOMA
AGRICULTURAL
STATISTICS
SERVICE
Fact Finding
for Agriculture

1989 CROP WEATHER REVIEW

January: The warmest January in 36 years coupled with dry soil moisture conditions caused wheat conditions to decline. Some fields were turning a yellowing cast because of moisture shortages. Nearly 70 percent of the wheat crop was rated in fair or poor condition by the end of the month. The unusually warm weather encouraged greenbug infestations.

February: Record-breaking cold temperatures during the first week of the month damaged wheat that was advanced to the jointing stage of development. Much-needed precipitation fell during mid-month which benefitted wheat in southern Oklahoma. Cattle were rated in good condition.

March: Temperatures ranged from the single digits to over 90 degrees during the month causing stress to cattle. Heavy snow collapsed the roofs of many poultry houses in eastern Oklahoma, killing 3 million chickens. Several wheat fields were showing signs of nitrogen deficiency in western Oklahoma. Dry weather and an unusual winter-time dust storm hindered fieldwork in northwestern counties.

April: Precipitation averaged only a half inch, statewide, making this month the driest April since Oklahoma's climatological records began 98 years ago. Several stations, mostly in western counties, reported no rain for the entire month. Half of the wheat crop was rated poor or very poor at the end of the month. Many fields in western Oklahoma contained yellow spots due to the drouth-like conditions. Some producers in southern counties were cutting wheat hay because of crop failure.

May: Heavy rainfall, measuring over 13 inches in some southeastern Oklahoma counties, caused deterioration to some wheat. Low-lying areas received flood damage and hail was reported in several counties. About 50,000 acres of wheat were hail-damaged in Garfield county alone. Less than 5 percent of the wheat was harvested by the end of the month.

June: Cool, persistently wet weather held back small grain harvest during the first half of the month. Some reports were received of wheat sprouting in the head. Row crop planting was delayed by both wet fields and wheat harvest. Heavy rains washed out cotton plantings and many growers were late replanting. Cattle were bothered by heavy insect infestations in eastern Oklahoma.

July: Unseasonably cool, wet weather helped development of most row crops. Corn and sorghum were rated in excellent condition in the major-producing Panhandle district. Cotton, which required warm weather for development, was rated in only fair condition. Wheat harvest was essentially complete by mid-month and growers were generally surprised by the higher-than-expected quality of the crop.

August: Continued cool temperatures during the month helped corn, sorghum, and hay crops to set new record-high yields. Peanuts and soybeans enjoyed near-record yields. August marked the fourth consecutive month of below normal temperatures. Nearly all climatological stations reported a run of at least 10 consecutive days with maximum temperatures below 90 degrees. Cotton suffered because of the lack of degree growing days.

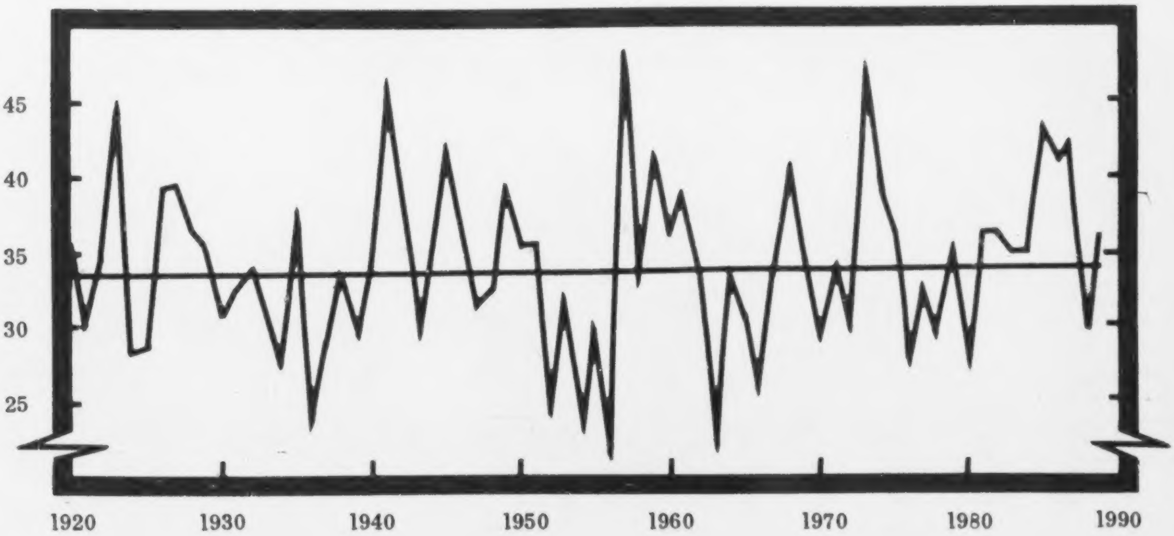
September: Temperatures fluctuated from the first 100-degree reading of the year to the earliest fall freeze ever recorded at many sites. The hot weather arrived too late to salvage many cotton fields. The early frost was limited to late-planted soybeans and some cotton. The lack of rain during the second half of the month accommodated wheat seeding but stunted peanut growth.

October: Oklahoma experienced above normal temperatures for the first time since April. Prolonged dry weather caused a depleting of soil moisture to the lowest level since late-April. Early frosts, late wheat plantings, and dry weather kept stockmen waiting for wheat pasture. Row crop harvest was generally running ahead of the 5-year average.

November: The second consecutive month of extra dry weather further depleted soil moisture supplies and threatened crops and pasture. The State suffered its third driest November on record and every district received less than 20 percent of normal precipitation. Small grain and late row crop growth lagged behind expected rates. Cattle grazing on western Oklahoma pastures uprooted weakly-rooted wheat plants.

December: Bitter cold, dry weather caused concern of freeze damage to small grain crops. Subsoil moisture was only one-half adequate by the end of the month. Some grass fires were reported, particularly in southern Oklahoma where soil moisture supplies were exceptionally short. Cattlemen were providing supplemental hay to stockers in order to extend wheat pastures.

ANNUAL PRECIPITATION, OKLAHOMA, 1920-1989
Mean Precipitation = 33.51 Inches



AVERAGE PRECIPITATION AND TEMPERATURE, OKLAHOMA, JANUARY-JUNE, 1989 AND NORMAL 1/

District	Jan	Feb	Mar	Apr	May	Jun
PRECIPITATION			-Inches-			
Normal 2/						
Panhandle	0.47	0.67	1.17	1.60	3.20	2.88
West Central	0.81	1.03	1.69	2.37	4.50	3.66
Southwest	1.04	1.25	1.72	2.34	4.88	3.58
North Central	0.85	1.15	1.95	2.65	4.33	3.78
Central	1.32	1.60	2.37	3.24	5.25	4.33
South Central	1.67	2.26	2.85	3.63	5.54	4.15
Northeast	1.66	1.89	2.99	3.85	5.20	4.80
East Central	2.02	2.60	3.50	4.30	5.70	4.62
Southeast	2.81	3.43	4.11	4.72	6.10	4.27
STATE 3/	**1.39**	**1.74**	**2.43**	**3.19**	**4.96**	**4.03**
1989						
Panhandle	0.44	0.79	0.70	0.56	4.90	7.41
West Central	1.14	1.13	3.06	0.28	4.90	9.25
Southwest	1.48	1.76	1.82	0.14	4.96	8.55
North Central	1.02	0.85	2.74	0.55	4.72	7.98
Central	1.65	2.69	2.64	0.24	5.46	8.62
South Central	2.43	3.99	3.29	0.53	6.25	8.59
Northeast	2.22	2.23	3.92	0.17	4.32	7.22
East Central	2.89	5.62	4.63	0.75	8.04	6.73
Southeast	4.13	5.59	5.27	2.39	9.06	7.09
STATE 3/	**1.90**	**2.70**	**3.06**	**0.58**	**5.76**	**7.95**
TEMPERATURES			-Degrees Fahrenheit-			
Normal 2/						
Panhandle	34.0	38.3	45.6	56.3	65.3	75.1
West Central	36.7	41.2	49.5	60.0	68.4	77.7
Southwest	39.0	43.7	51.9	62.2	70.4	79.2
North Central	35.1	39.8	48.4	59.4	68.1	77.8
Central	37.4	42.3	50.6	61.2	69.0	77.6
South Central	40.7	45.2	53.4	63.1	70.5	78.5
Northeast	35.9	40.5	49.3	60.3	68.1	76.7
East Central	38.4	42.9	51.3	61.7	69.1	77.2
Southeast	41.2	45.3	53.2	62.6	69.8	77.6
STATE 3/	**37.5**	**42.0**	**50.3**	**60.7**	**68.7**	**77.5**
1989						
Panhandle	37.9	28.4	48.4	59.4	66.5	69.3
West Central	41.9	31.5	50.9	62.2	68.3	72.6
Southwest	44.3	34.8	53.6	64.4	71.5	75.2
North Central	40.5	30.3	49.6	61.4	67.7	72.9
Central	43.1	32.9	51.5	63.0	69.5	73.9
South Central	45.3	36.8	52.7	64.0	70.7	74.9
Northeast	42.5	31.2	49.3	61.9	67.2	73.2
East Central	44.0	34.5	51.5	62.7	68.7	74.2
Southeast	45.2	39.0	53.5	63.1	70.1	74.6
STATE 3/	**42.7**	**33.1**	**51.1**	**62.4**	**68.9**	**73.4**

See footnotes on next page.

AVERAGE PRECIPITATION AND TEMPERATURE, OKLAHOMA, JULY-DECEMBER, 1989 AND NORMAL 1/

District	Jul	Aug	Sep	Oct	Nov	Dec	Annual
PRECIPITATION				-Inches-			
Normal 2/							
Panhandle	2.53	2.50	1.83	1.39	0.83	0.56	19.62
West Central	2.16	2.42	2.79	2.31	1.32	0.97	26.01
Southwest	2.12	2.25	3.11	2.72	1.36	1.20	27.58
North Central	2.80	2.95	3.03	2.26	1.60	1.11	28.46
Central	2.81	2.71	3.77	3.07	2.10	1.53	34.10
South Central	2.52	2.54	3.82	3.58	2.36	2.04	36.95
Northeast	3.12	3.27	4.48	3.60	2.77	1.94	39.57
East Central	3.11	3.06	4.12	3.84	3.13	2.55	42.55
Southeast	3.64	3.20	4.19	3.82	3.89	3.41	47.59
STATE 3/	**2.76**	**2.77**	**3.48**	**2.95**	**2.14**	**1.68**	**33.51**
1989							
Panhandle	2.29	3.48	2.39	0.27	0.00	0.27	23.50
West Central	1.85	3.97	4.02	1.37	0.00	0.26	31.23
Southwest	1.37	2.57	5.85	1.53	0.02	0.10	30.15
North Central	2.26	6.24	3.74	2.19	0.01	0.46	32.76
Central	2.75	5.09	5.28	2.78	0.05	0.28	37.53
South Central	3.84	2.21	6.01	1.41	0.26	0.33	39.14
Northeast	3.50	5.77	3.89	2.86	0.13	0.38	36.61
East Central	3.57	2.20	6.35	1.17	0.49	0.54	42.98
Southeast	6.22	2.27	4.89	1.24	0.40	1.36	49.91
STATE 3/	**3.05**	**3.87**	**4.71**	**1.72**	**0.14**	**0.42**	**35.86**
TEMPERATURES				-Degrees Fahrenheit-			
Normal 2/							
Panhandle	80.4	78.9	70.6	59.2	45.1	36.6	57.1
West Central	82.6	81.6	73.3	62.3	48.5	39.5	60.1
Southwest	83.9	83.1	75.1	64.1	50.6	41.7	62.1
North Central	83.0	82.0	73.4	62.2	47.7	38.2	59.6
Central	82.5	81.9	74.0	63.3	49.8	40.7	60.9
South Central	83.2	82.9	75.5	65.0	52.3	43.6	62.8
Northeast	81.7	80.9	72.9	62.1	48.9	39.4	59.7
East Central	82.0	81.4	74.0	63.4	50.7	41.8	61.1
Southeast	81.9	81.5	74.5	64.1	52.2	43.9	62.3
STATE 3/	**82.4**	**81.5**	**73.7**	**62.8**	**49.5**	**40.5**	**60.6**
1989							
Panhandle	77.1	76.3	66.6	59.2	46.5	29.5	55.4
West Central	79.5	78.2	68.5	62.8	50.0	31.6	58.2
Southwest	82.0	80.2	70.9	65.5	51.8	32.7	60.6
North Central	79.2	78.0	67.9	62.4	48.2	28.6	57.2
Central	79.5	79.1	68.7	64.2	52.2	31.6	59.1
South Central	80.3	80.2	70.9	65.5	53.8	34.4	60.8
Northeast	78.1	78.2	67.3	62.5	51.3	29.5	57.7
East Central	78.4	79.5	69.1	64.2	53.4	32.3	59.4
Southeast	78.3	79.0	70.2	64.4	54.9	35.2	60.6
STATE 3/	**79.1**	**78.7**	**68.8**	**63.4**	**51.3**	**31.6**	**58.7**

1/ Compiled from U.S.Department of Commerce Environmental Data Service records.
2/ Normals for all stations are climatological normals based on the period 1931-1989.
3/ State averages based on district averages, weighted by area.

OKLAHOMA
CROP PRODUCTION

OKLAHOMA
AGRICULTURAL
STATISTICS
SERVICE
Fact Finding
for Agriculture

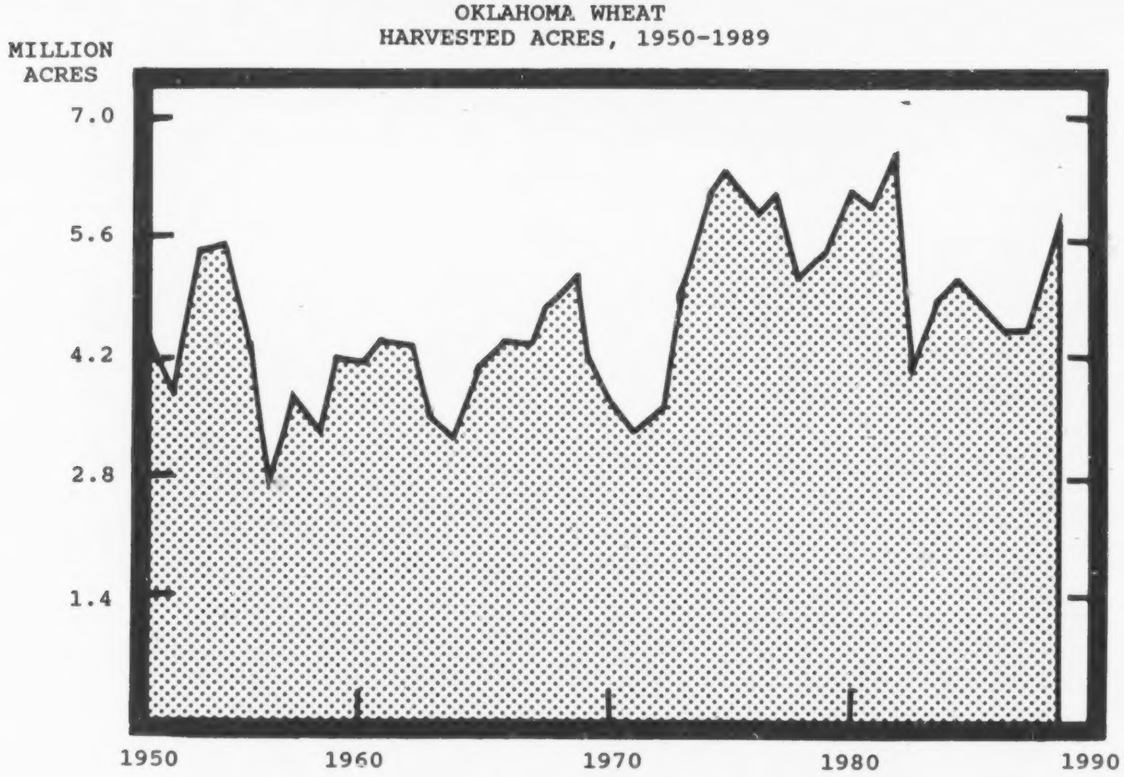
1989 CROP REVIEW

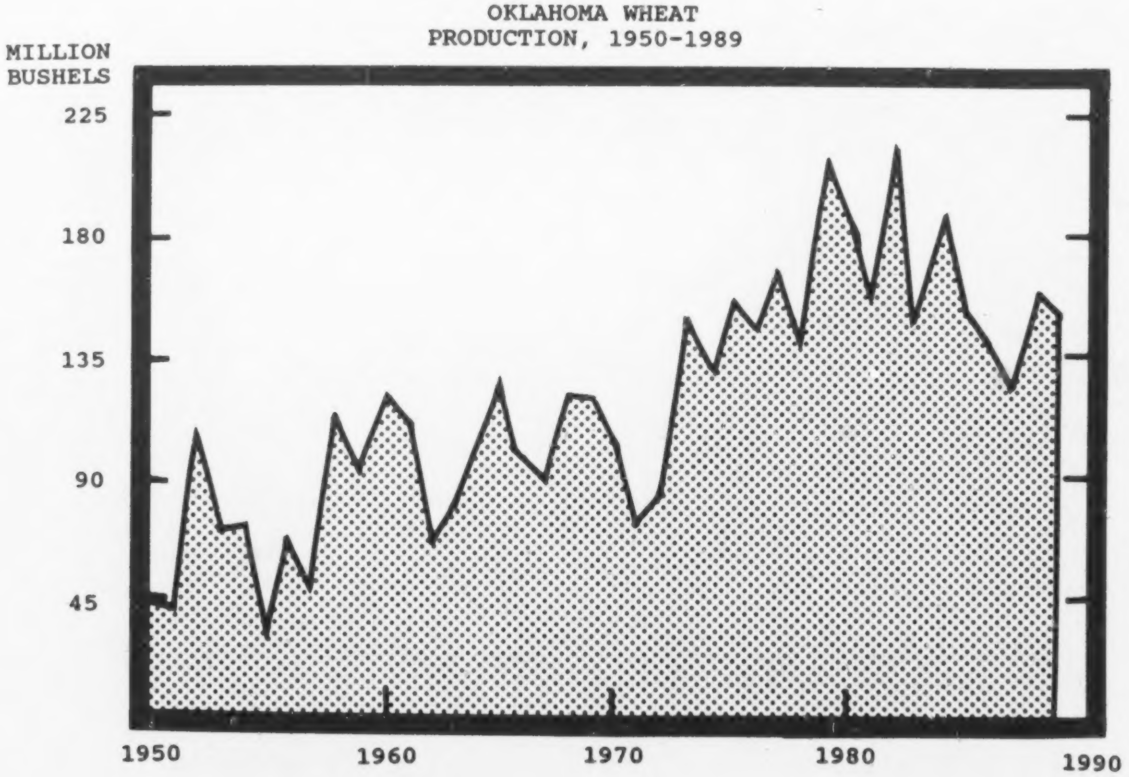
Oklahoma's small grain production suffered from fluctuating weather. The driest April on record, heavy May rainfall, and cool, wet weather during the first half of June reduced crop yields. Wheat yields were the lowest since 1976. Oat yields were the lowest since 1974 and production was the lowest since records began in 1897. Barley and rye yields were also less than average.

Improved weather conditions during the summer months helped the development of most row crops. Record high yields were experienced for the State's corn and sorghum crops. Near record yields were enjoyed by peanut, soybean, and hay growers. Cotton suffered from the lack of degree growing days and early frost which resulted in the lowest yield per acre since 1984.

Minor crop production was down from last year. Pecan production, at 9 million pounds, was the lowest since 1983. Peach production, at 25 million, was slightly below 1988 but was still well above average.

Grain stocks were down significantly for most crops. Consequently, 1989 crop acreages were up from the previous year in order to replenish dwindling stocks.


OKLAHOMA WHEAT
HARVESTED ACRES, 1950-1989
MILLION
ACRES
7.0
5.6
4.2
2.8
1.4
1950
1960
1970
1980
1990


OKLAHOMA WHEAT
PRODUCTION, 1950-1989
MILLION
BUSHELS
225
180
135
90
45
1950
1960
1970
1980
1990

CROP ACREAGE, YIELD, AND PRODUCTION, OKLAHOMA, 1985-1989, AND HISTORIC

CROP & YEAR	Planted Acres 1/	Harvested Acres	Yield Per Harvested Acre	Unit	Production	Season Avg. Price 2/	Value of Production
	-Thousands-				Thousands	Dollars	-Thou Dol-
BARLEY							
1950	250	52	13.5	Bu.	702	1.81	828
1960	832	664	24.0	Bu.	15,936	0.73	11,633
1970	680	600	39.0	Bu.	23,400	0.87	20,358
1980	75	50	33.0	Bu.	1,650	2.46	4,059
1985	70	55	38.0	Bu.	2,090	2.15	4,494
1986	50	38	36.0	Bu.	1,368	1.70	2,326
1987	30	25	30.0	Bu.	750	1.55	1,163
1988	20	16	48.0	Bu.	768	2.15	1,651
1989	**25**	**20**	**45.0**	**Bu.**	**900**	**2.20**	**1,980**
CORN FOR GRAIN							
1950	1,083	1,011	23.5	Bu.	23,758	1.30	30,885
1960	231	206	33.5	Bu.	6,901	1.07	7,384
1970	107	62	78.0	Bu.	4,836	1.32	6,384
1980	125	75	70.0	Bu.	5,250	3.55	18,638
1985	80	55	106.0	Bu.	5,830	2.70	15,741
1986	70	45	118.0	Bu.	5,310	1.85	9,824
1987	90	66	107.0	Bu.	7,062	2.20	15,536
1988	90	72	95.0	Bu.	6,840	2.70	18,468
1989	**95**	**78**	**118.0**	**Bu.**	**9,204**	**2.35**	**21,629**
COTTON LINT 3/							
1950	1,005	795	145	Bales	242	38.50	46,483
1960	655	630	348	Bales	457	27.53	63,087
1970	525	450	206	Bales	193	20.00	18,528
1980	715	565	174	Bales	205	76.60	75,374
1985	370	360	380	Bales	285	49.30	67,442
1986	400	350	288	Bales	210	43.40	43,747
1987	400	385	431	Bales	346	58.40	96,991
1988	460	435	334	Bales	303	46.80	68,066
1989	**370**	**340**	**244**	**Bales**	**173**	**57.00**	**47,333**
COTTONSEED							
1950				Tons	98	90.60	8,879
1960				Tons	185	40.80	7,548
1970				Tons	79	58.20	4,598
1980				Tons	82	125.00	10,250
1985				Tons	106	59.50	6,307
1986				Tons	85	93.50	7,948
1987				Tons	155	77.00	11,935
1988				Tons	117	108.00	12,636
1989				**Tons**	**74**	**124.00**	**9,176**

See footnotes on page 16.

CROP ACREAGE, YIELD, AND PRODUCTION, OKLAHOMA, 1985-1989, AND HISTORIC

CROP & YEAR	Planted Acres 1/	Harvested Acres	Yield Per Harvested Acre	Unit	Production	Season Avg. Price 2/	Value of Production
	-Thousands-				Thousands	Dollars	-Thou Dol-
OATS							
1950	873	473	16.5	Bu.	7,804	0.84	6,555
1960	740	447	29.0	Bu.	12,963	0.64	8,296
1970	400	225	41.5	Bu.	9,338	0.69	6,443
1980	220	100	39.0	Bu.	3,900	1.96	7,644
1985	155	65	43.0	Bu.	2,795	1.75	4,891
1986	200	100	44.0	Bu.	4,400	1.40	6,160
1987	160	60	38.0	Bu.	2,280	1.75	3,990
1988	140	65	42.0	Bu.	2,730	2.10	5,733
1989	**130**	**60**	**34.0**	**Bu.**	**2,040**	**2.10**	**4,284**
PEANUTS							
1950	222	212	590	Lbs.	125,080	0.100	12,508
1960	112	110	1,380	Lbs.	151,800	0.100	15,180
1970	122	116	1,655	Lbs.	191,980	0.122	23,422
1980	123	105	1,335	Lbs.	140,175	0.258	36,165
1985	87	83	2,060	Lbs.	170,980	0.263	44,968
1986	92	88	2,055	Lbs.	180,840	0.330	59,677
1987	100	99	2,250	Lbs.	222,750	0.258	57,470
1988	99	97	2,320	Lbs.	225,040	0.274	61,661
1989	**99**	**98**	**2,150**	**Lbs.**	**210,700**	**0.288**	**60,682**
RYE							
1950	141	45	5.0	Bu.	225	1.32	297
1960	322	78	12.5	Bu.	975	0.89	868
1970	299	52	18.0	Bu.	936	1.02	955
1980	200	34	24.0	Bu.	816	2.00	1,632
1985	160	32	22.0	Bu.	704	2.50	1,760
1986	140	35	21.0	Bu.	735	1.50	1,103
1987	130	20	18.0	Bu.	360	1.75	630
1988	130	30	24.0	Bu.	720	3.35	2,412
1989	**100**	**28**	**19.0**	**Bu.**	**532**	**3.30**	**1,756**
SOYBEANS							
1950	35	23	17.0	Bu.	391	2.12	829
1960	130	121	20.0	Bu.	2,420	1.82	4,404
1970	210	185	18.0	Bu.	3,330	2.67	8,891
1980	350	300	10.0	Bu.	3,000	7.34	22,020
1985	210	190	23.0	Bu.	4,370	4.70	20,539
1986	255	200	24.0	Bu.	4,800	4.55	21,840
1987	250	240	25.0	Bu.	6,000	5.60	33,600
1988	290	270	18.0	Bu.	4,860	7.15	34,749
1989	**300**	**285**	**24.0**	**Bu.**	**6,840**	**5.30**	**36,252**

See footnotes on page 16.

CROP ACREAGE, YIELD AND PRODUCTION, OKLAHOMA, 1985-1989, AND HISTORIC

CROP & YEAR	Planted Acres 1/	Harvested Acres	Yield Per Harvested Acre	Unit	Production	Season Avg. Price 2/	Value of Production
	-Thousands-				Thousands	Dollars	-Thou Dol-
GRAIN SORGHUM							
1950	1,719	947	18.5	Bu.	17,520	1.05	18,396
1960	1,280	779	30.5	Bu.	23,760	0.80	19,008
1970	937	555	42.0	Bu.	23,310	1.15	26,807
1980	700	480	34.0	Bu.	16,320	3.06	49,939
1985	580	500	45.0	Bu.	22,500	2.06	46,350
1986	550	490	48.0	Bu.	23,520	1.49	35,045
1987	450	410	46.0	Bu.	18,860	1.70	32,062
1988	410	360	45.0	Bu.	16,200	2.42	39,204
1989	**400**	**360**	**49.0**	**Bu.**	**17,640**	**2.10**	**37,044**
WINTER WHEAT							
1950	5,910	4,707	9.0	Bu.	42,363	2.02	85,573
1960	4,887	4,665	26.0	Bu.	121,290	1.75	212,258
1970	5,025	3,900	26.0	Bu.	101,400	1.33	134,862
1980	7,500	6,500	30.0	Bu.	195,000	3.83	746,850
1985	7,800	5,500	30.0	Bu.	165,000	2.91	480,150
1986	7,400	5,200	29.0	Bu.	150,800	2.28	343,824
1987	7,200	4,800	27.0	Bu.	129,600	2.46	318,816
1988	7,000	4,800	36.0	Bu.	172,800	3.57	616,896
1989	**7,300**	**5,700**	**27.0**	**Bu.**	**153,900**	**3.80**	**584,820**
ALL HAY							
1950		1,446	1.32	Tons	1,908	18.00	34,344
1960		1,344	1.59	Tons	2,133	19.60	41,807
1970		1,655	1.67	Tons	2,767	27.50	76,093
1980		1,570	1.47	Tons	2,315	72.50	167,838
1985		2,200	2.26	Tons	4,980	56.00	278,880
1986		1,980	2.09	Tons	4,140	54.50	225,630
1987		2,210	1.92	Tons	4,233	63.00	266,679
1988		2,310	1.70	Tons	3,931	77.50	304,653
1989		**2,400**	**2.09**	**Tons**	**5,025**	**69.00**	**346,725**

1/ Acres planted for all purposes.

2/ Season average price through 1985; marketing year average price from 1986 forward.

3/ Yield per acre in pounds.

CROP ACREAGE, YIELD AND PRODUCTION, OKLAHOMA, 1985-1989, AND HISTORIC

CROP & YEAR	Harvested Acres	Yield per Harvested Acre	Unit	Production
	-Thousands-			-Thousands-
ALFALFA HAY				
1950	449	1.95	Tons	876
1960	325	2.60	Tons	845
1970	595	2.40	Tons	1,428
1980	420	2.50	Tons	1,050
1985	400	3.90	Tons	1,560
1986	430	3.50	Tons	1,505
1987	410	3.30	Tons	1,353
1988	410	3.10	Tons	1,271
1989	**450**	**3.80**	**Tons**	**1,710**
ALL OTHER HAY 1/				
1950	997	1.04	Tons	1,032
1960	1,019	1.26	Tons	1,288
1970	1,060	1.26	Tons	1,339
1980	1,150	1.10	Tons	1,265
1985	1,800	1.90	Tons	3,420
1986	1,550	1.70	Tons	2,635
1987	1,800	1.60	Tons	2,880
1988	1,900	1.40	Tons	2,660
1989	**1,950**	**1.70**	**Tons**	**3,315**
SORGHUM FOR SILAGE				
1950	62	5.5	Tons	341
1960	131	8.0	Tons	1,048
1970	40	9.5	Tons	380
1980	30	9.0	Tons	270
1985	16	12.0	Tons	192
1986	17	13.0	Tons	221
1987	15	13.0	Tons	195
1988	14	12.0	Tons	168
1989	**12**	**13.0**	**Tons**	**156**
CORN FOR SILAGE				
1950	5	5.0	Tons	25
1960	14	6.5	Tons	91
1970	39	16.5	Tons	644
1980	36	13.0	Tons	468
1985	23	17.0	Tons	391
1986	21	17.0	Tons	357
1987	23	16.0	Tons	368
1988	13	14.0	Tons	182
1989	**14**	**12.0**	**Tons**	**168**

1/ Includes wild, grain, peanut, lespedeza, and other tame hay.

FRUIT AND NUTS, PRODUCTION AND VALUE, OKLAHOMA, 1985-1989, AND HISTORIC

CROP & YEAR	Unit	Production	Average Price	Value of Production
		Thousands	Dollars	Thousand Dollars
PEACHES				
1950	Lb.	14,500	.0469	680
1960	Lb.	8,800	.0478	421
1970	Lb.	8,500	.0700	595
1980	Lb.	8,000	.1780	1,424
1985	Lb.	8,000	.2330	1,864
1986	Lb.	5,500	.3340	1,837
1987	Lb.	4,000	.3680	1,472
1988	Lb.	26,000	.2640	6,864
1989	**Lb.**	**25,000**	**.2750**	**6,683**
PECANS (Seedlings)				
1950	Lb.	6,370	.260	1,656
1960	Lb.	38,000	.290	11,020
1970	Lb.	8,000	.360	2,880
1980	Lb.	3,000	.680	2,040
1985	Lb.	8,500	.530	4,505
1986	Lb.	13,500	.590	7,965
1987	Lb.	11,000	.380	4,180
1988	Lb.	44,500	.422	18,779
1989	**Lb.**	**8,000**	**.591**	**4,728**
PECANS (Improved)				
1950	Lb.	630	.380	239
1960	Lb.	3,000	.365	1,095
1970	Lb.	500	.490	245
1980	Lb.	500	1.150	575
1985	Lb.	1,500	.850	1,275
1986	Lb.	1,500	.965	1,448
1987	Lb.	1,000	.793	793
1988	Lb.	2,500	.646	1,615
1989	**Lb.**	**1,000**	**.982**	**982**
PECANS (All)				
1950	Lb.	7,000	.269	1,895
1960	Lb.	41,000	.296	12,115
1970	Lb.	8,500	.368	3,125
1980	Lb.	3,500	.747	2,615
1985	Lb.	10,000	.578	5,780
1986	Lb.	15,000	.628	9,413
1987	Lb.	12,000	.414	4,973
1988	Lb.	47,000	.434	20,394
1989	**Lb.**	**9,000**	**.634**	**5,710**

MONTHLY FARM MARKETINGS OF CROPS, OKLAHOMA, 1984-1988

Crop & Year	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
-Percent of Total Sales-												
WINTER WHEAT												
1984	2	20	20	17	7	4	2	4	7	4	9	4
1985	4	28	14	8	7	6	6	10	8	3	4	2
1986	6	28	14	5	6	5	3	7	10	7	7	2
1987	4	22	12	13	7	8	7	10	7	4	3	3
1988	**5**	**28**	**11**	**9**	**9**	**5**	**5**	**9**	**10**	**2**	**5**	**2**
ALL HAY												
1984	7	10	20	11	5	3	5	8	12	9	6	4
1985	2	11	28	12	1	7	6	10	5	6	5	7
1986	2	10	26	11	1	7	8	9	5	7	7	7
1987	9	18	18	8	5	8	9	8	8	4	4	1
1988	**10**	**19**	**21**	**10**	**7**	**8**	**7**	**6**	**5**	**3**	**3**	**1**

Crop Year	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
-Percent of Total Sales-												
COTTON 1/												
1984	-	-	1	5	23	23	34	12	1	1	-	-
1985	-	-	10	10	11	25	12	4	1	12	15	-
1986	5	-	-	6	-	-	2	18	23	20	8	18
1987	-	-	4	11	25	27	14	9	5	1	3	1
1988	**9**	**21**	**19**	**3**	**8**	**9**	**12**	**10**	**6**	**3**	**-**	**-**
SORGHUM												
1984	20	12	5	22	7	13	3	4	4	3	5	2
1985	5	4	12	33	19	16	3	1	2	1	3	1
1986	1	6	12	22	24	17	3	3	5	1	3	3
1987	3	5	10	24	23	16	4	4	2	2	5	2
1988	**1**	**1**	**13**	**18**	**14**	**18**	**6**	**10**	**6**	**4**	**3**	**6**

1/ Does not include unredeemed cotton at end of marketing year.

STOCKS OF GRAIN, OKLAHOMA, 1985-1989 1/

CROP & YEAR	MARCH 1 2/		JUNE 1		SEPTEMBER 1 3/		DECEMBER 1 4/	
	Off-Farm Stocks	Total Stocks	Off-Farm Stocks	Total Stocks	Off-Farm Stocks	Total Stocks	Off-Farm Stocks	Total Stocks
			-Thousand Bushels-					
BARLEY								
1985	243	653	195	380	312	1,604	241	1,001
1986			167		266			
1987			194					
1988			100		216		262	
1989			**114**		**112**		**114**	
CORN								
1985	608	1,291	349	717	142	300	824	1,746
1986	445		373		507		1,605	
1987	1,522		1,354		1,577		2,719	
1988	2,552		2,200		1,909		2,667	
1989	**2,264**		**1,613**		**1,292**		**1,678**	
OATS								
1985	465	1,937	429	1,643	604	2,980	595	2,272
1986			431		723			
1987			402					
1988			343					
1989			**362**					
SORGHUM								
1985	6,730	8,530	4,675	6,115	2,276	2,726	11,463	16,188
1986			6,603	7,616	5,695	6,483		
1987			22,029	23,729	18,419	19,119		
1988			15,968	17,768	14,494	15,094		
1989			**11,850**	**13,550**	**11,626**	**11,976**		
SOYBEANS								
1985	597	973	346	534	262	304	1,330	2,073
1986	368		161		139		820	
1987	572		265		139		1,812	
1988	525		187		97		1,534	
1989	**464**		**290**		**216**		**2,263**	
WINTER WHEAT								
1985	95,074	110,338	88,500	97,086	168,787	206,737	160,680	183,780
1986	138,412	153,262	116,799	125,049	173,061	203,061	158,243	180,243
1987	130,733	143,733	103,049	110,549	140,211	166,211	136,192	151,192
1988	82,158	91,158	42,746	47,746	118,564	141,064	82,933	94,933
1989	**45,794**	**52,294**	**24,027**	**27,027**	**92,246**	**112,246**	**67,641**	**78,641**

1/ Data series discontinued where blank.
2/ April 1 grain stocks prior to March 1, 1986.
3/ October 1 grain stocks prior to 1986 on all crops except soybeans.
4/ January 1 grain stocks prior to December 1, 1986.

CONSUMPTION OF COMMERCIAL FERTILIZERS, OKLAHOMA AND U.S., 1988-1989

ITEM	OKLAHOMA		UNITED STATES	
	1988	1989	1988	1989
		-T o n s-		
Multiple Nutrient Class				
N-P-K	68,919	62,433	10,029,722	9,801,729
N-P	180,662	209,223	6,099,133	6,245,203
N-K	63	1,039	713,430	821,523
P-K	591	145	731,518	679,755
Single Nutrient Class				
Nitrogen Fertilizers:				
Anhydrous Ammonia	144,053	163,407	4,599,472	4,634,492
Aqua Ammonia	0	1,517	469,110	493,958
Nitrogen Solutions	190,300	209,011	7,272,282	7,124,025
Urea	148,863	178,658	3,331,248	3,391,587
Ammonium Nitrate	72,808	80,431	1,768,719	1,912,046
Ammonium Sulfate	6,529	6,752	751,922	823,242
Sodium Nitrate	0	0	34,388	39,852
Other Nitrogen Fertilizers	2,277	3,569	635,711	805,624
Phosphate Fertilizers:				
Superphosphates				
22% and under	16	3	18,943	26,786
Over 22%	4,394	3,474	636,436	580,937
Phosphoric Acid	73	0	37,403	46,813
Other Phosphate Fertilizers	22	1,460	120,399	152,860
Potash Fertilizers:				
Potassium Chloride (60%+)	42,189	41,645	5,081,978	4,873,373
Potassium Sulfate (50%)	0	0	99,026	103,585
Sul. of Potash Mag. (20%)	4,415	1,238	107,326	113,971
Other Potash Fertilizers	0	99	141,386	174,671
All Fertilizers 1/:				
Multiple Nutrient	250,235	272,840	17,573,803	17,548,211
Single Nutrient	615,939	691,266	25,106,324	25,297,957
Sec. & Micro Nutrient	1,640	4,961	1,847,293	2,056,351
Total	867,814	969,066	44,527,421	44,902,519

1/ Materials used for the manufacture or blending of reported fertilizer grades or for use in other fertilizers are excluded to avoid double-counting.

SOURCE: National Fertilizer Development Center, Tennessee Valley Authority.

OKLAHOMA WHEAT VARIETIES: PERCENTAGE OF SEEDED ACREAGE, SELECTED YEARS

Variety	1990	1986	1984	1979	1976
Hard:					
Chisholm	30.8	23.1	0.2	—	—
Pioneer 2157	29.2	3.1	—	—	—
Tam W-101	5.9	20.5	30.2	35.8	16.6
Mesa	3.4	—	—	—	—
Pioneer 2180	3.2	—	—	—	—
Scout (includes 66)	2.5	4.2	4.7	11.1	16.8
Triumph	2.3	3.2	4.9	12.6	13.7
Siouxland	1.9	0.3	—	—	—
Arkan	1.5	1.5	—	—	—
Century	1.4	0.2	—	—	—
Stallion	1.4	—	—	—	—
Tam 105	1.4	3.6	12.5	—	—
Thunderbird	1.3	—	—	—	—
Payne	1.2	3.1	3.0	0.5	—
Tam 200	0.9	—	—	—	—
Hawk	0.8	4.2	1.3	—	—
Tam 107	0.8	—	—	—	—
Vona	0.7	7.9	22.9	1.8	—
Mustang	0.7	6.1	—	—	—
Newton	0.6	2.0	3.3	0.2	—
Other Pioneer	0.5	0.6	0.5	—	—
Abilene	0.4	—	—	—	—
Karl	0.2	—	—	—	—
Victory	0.2	0.1	—	—	—
Early Triumph	0.2	1.9	1.5	11.3	18.7
Wings	0.1	2.3	4.6	0.1	—
Wrangler	0.1	1.5	—	—	—
Russian Beardless	0.1	—	—	—	—
DeLange 7846	1/	—	—	—	—
All Other Hard	2.2	4.9	9.3	2/	2/
Soft:					
Caldwell	0.3	—	—	—	—
Florida	0.2	—	—	—	—
McNair	0.2	—	—	—	—
Coker	0.1	—	—	—	—
All Other Soft	1/	—	—	—	—
Unknown	3.2	5.7	1.1	26.6	34.2
TOTAL	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**

1/ Less than 0.1 percent of total.
2/ Included with unknown varieties.

OKLAHOMA COTTON VARIETIES: PERCENTAGE OF SEEDED ACREAGE, SELECTED YEARS

Variety	1989	1988	Variety	1989	1988
Lankart	33.8	36.5	G & P	2.2	2.5
Cascot	15.0	7.8	All-Tex	1.9	1.9
Tamcot	12.7	10.9	Holland	1.7	2.4
Paymaster	10.5	20.5	Hurdt's	0.8	2.1
Stoneville	7.3	5.0			
Deltapine	5.5	5.7	All Others	3.7	2.2
Bronco	2.6	0.7			
Rosebud	2.3	1.8	**TOTAL**	**100.0**	**100.0**

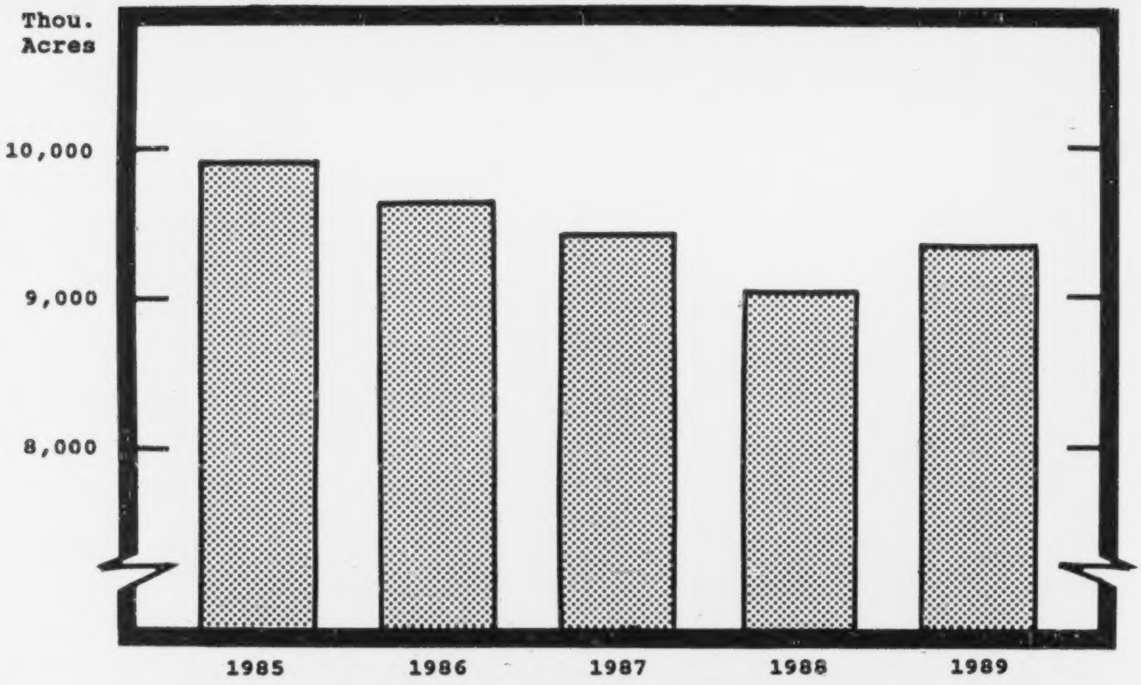
Source: Cotton Varieties Planted, U.S.D.A., Agricultural Marketing Service.

OKLAHOMA WHEAT QUALITY, 1987-1989

Dist and Year	Cars Smpl	Grade 1 or 2 Pct.	Dock Pct.	Test Wt Lbs.	Moist Pct.	T Dam Pct.	F Mat Pct.	S & B Pct.	T Def Pct.	Prot Pct.
PANHANDLE										
1987	189	84.7	1.1	59.6	11.0	0.48	0.11	2.30	2.90	11.4
1988	274	97.1	1.1	60.9	10.5	0.49	0.14	2.58	3.21	12.1
1989	**44**	**90.6**	**0.8**	**59.0**	**11.9**	**0.92**	**0.17**	**1.80**	**2.90**	**13.0**
WEST CENTRAL										
1987	750	48.9	0.8	58.4	11.7	2.28	0.25	2.22	4.76	11.9
1988	1151	87.9	0.7	61.3	11.0	0.94	0.24	2.39	3.56	11.4
1989	**788**	**88.4**	**0.7**	**59.8**	**12.6**	**0.34**	**0.30**	**1.22**	**1.86**	**12.2**
SOUTHWEST										
1987	2246	68.6	0.9	59.1	11.8	1.52	0.13	2.03	3.69	12.1
1988	2473	95.2	0.9	61.6	11.2	0.38	0.12	1.89	2.38	11.2
1989	**1314**	**91.2**	**0.8**	**60.8**	**12.4**	**0.45**	**0.15**	**1.30**	**1.89**	**12.9**
NORTH CENTRAL										
1987	1798	55.6	0.8	58.5	11.7	1.29	0.27	3.05	4.60	12.2
1988	2613	93.9	0.8	61.4	11.1	0.43	0.16	2.63	3.22	11.6
1989	**2284**	**91.8**	**0.8**	**60.1**	**12.1**	**0.81**	**0.22**	**1.59**	**2.63**	**12.6**
CENTRAL										
1987	67	43.3	0.7	58.4	12.1	2.81	0.12	2.89	5.83	12.1
1988	381	86.6	0.7	61.3	11.2	0.75	0.13	2.84	3.72	11.7
1989	**291**	**97.3**	**0.9**	**60.2**	**12.5**	**0.88**	**0.23**	**1.25**	**2.36**	**11.9**
SOUTH CENTRAL										
1987	11	27.3	1.2	57.3	12.1	1.60	0.32	1.98	3.90	NA
1988	14	92.9	0.8	61.0	11.1	0.00	0.22	2.18	2.40	NA
1989	**22**	**87.4**	**0.8**	**59.0**	**12.8**	**0.05**	**0.20**	**1.41**	**1.66**	**NA**
NORTHEAST										
1989	**549**	**91.7**	**0.5**	**59.1**	**13.0**	**0.29**	**0.28**	**1.57**	**2.14**	**12.0**
EAST CENTRAL										
1989	**121**	**55.6**	**0.6**	**57.1**	**13.4**	**1.51**	**0.24**	**1.73**	**3.48**	**NA**
STATE										
1987	5061	61.2	0.8	58.8	11.7	1.53	0.20	2.44	4.17	12.1
1988	6906	93.0	0.8	61.4	11.1	0.52	0.16	2.33	3.00	11.4
1989	**5412**	**90.6**	**0.7**	**60.1**	**12.4**	**0.60**	**0.20**	**1.40**	**2.30**	**12.5**

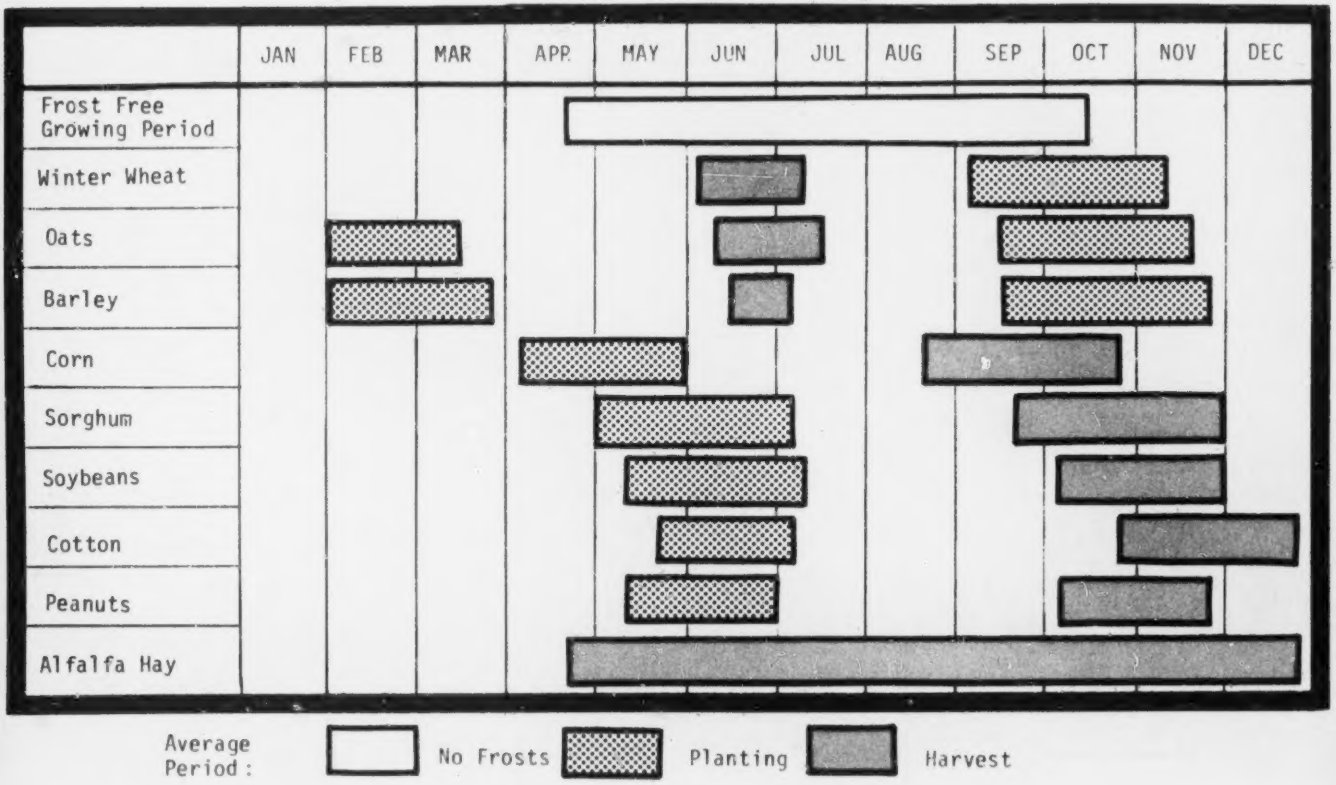
Explanation of Column Headings: Dist = Agricultural Statistic District, Cars Smpl = Cars Sampled, Dock = Dockage, Test Wt = Test Weight, Moist = Moisture, T Dam = Total Damaged, F Mat = Foreign Material, S & B = Shrunken and Broken Kernels, T Def = Total Defects, Prot = Protein, DHV = Dark Hard and Vitreous.

CROPLAND ACRES PLANTED, 1985-1989 1/



1/ Includes planted acreage for wheat, oats, barley, rye, corn, sorghum, cotton, soybeans, peanuts plus harvested acreage for alfalfa hay.

OKLAHOMA CROP CALENDAR 1/



1/ Relates to period when 5 to 95% of crop is planted or harvested.

IRRIGATED WHEAT COUNTY ESTIMATES, 1989

District and County	Planted For All Purposes	Harvested For Grain	Yield Per Harvested Acre	Production
	-Acres-		-Bushels-	
PANHANDLE				
Beaver	15,000	9,000	23.3	210,000
Cimarron	28,000	22,000	40.0	880,000
Ellis	6,000	4,000	25.0	100,000
Harper	5,000	4,000	30.0	120,000
Texas	95,000	83,000	35.5	2,950,000
Total	149,000	122,000	34.9	4,260,000
WEST CENTRAL				
Beckham	1,200	1,100	29.1	32,000
Blaine	600	500	40.0	20,000
Custer	2,500	2,400	33.3	80,000
Washita	2,500	2,400	35.4	85,000
Other Counties	700	600	35.0	21,000
Total	7,500	7,000	34.0	238,000
SOUTHWEST				
Caddo	10,000	7,500	40.0	300,000
Greer	1,700	1,200	33.3	40,000
Harmon	5,000	3,600	31.9	115,000
Jackson	3,700	3,500	24.6	86,000
Kiowa	1,300	1,000	38.0	38,000
Tillman	2,500	2,200	48.6	107,000
Other Counties	1,300	1,000	34.0	34,000
Total	25,500	20,000	36.0	720,000
NORTH CENTRAL				
Alfalfa	800	700	42.9	30,000
Major	2,700	2,600	38.5	100,000
Woods	1,500	1,400	50.0	70,000
Woodward	3,000	2,000	40.0	80,000
Other Counties	500	500	40.0	20,000
Total	8,500	7,200	41.7	300,000
CENTRAL				
Canadian	1,500	1,300	34.6	45,000
Grady	500	400	35.0	14,000
Kingfisher	1,600	1,300	35.4	46,000
Other Counties	400	300	33.3	10,000
Total	4,000	3,300	34.8	115,000
OTHER DISTRICTS				
Other Counties	500	500	34.0	17,000
Total	500	500	34.0	17,000
STATE TOTAL	**195,000**	**160,000**	**35.3**	**5,650,000**

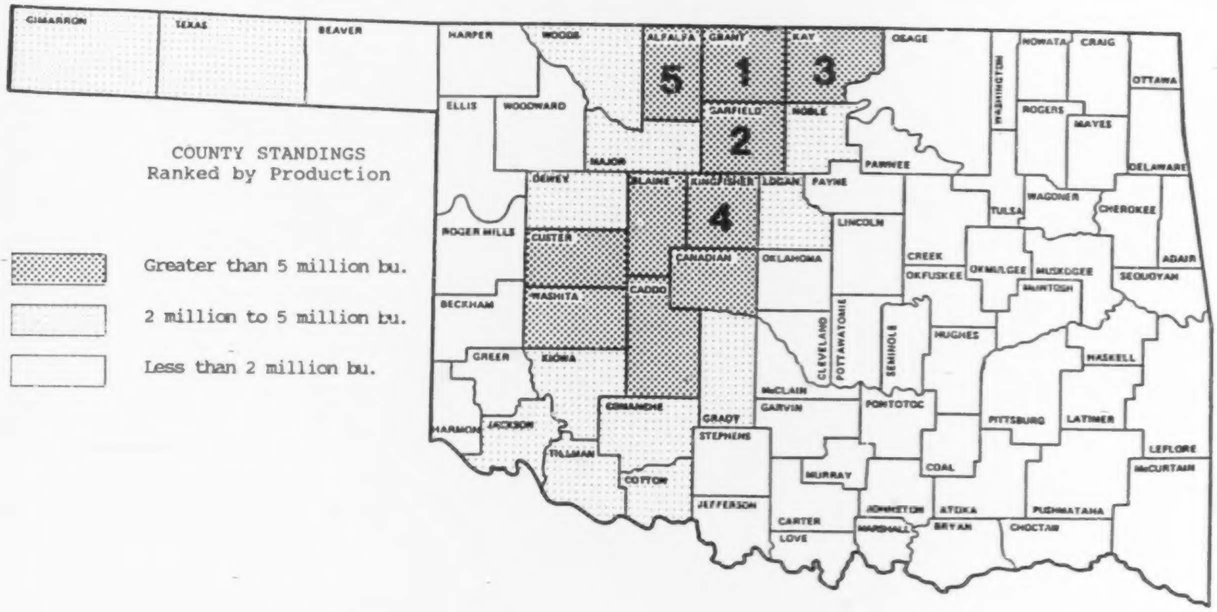
ALL WHEAT COUNTY ESTIMATES, OKLAHOMA, 1989

District and County	Planted For All Purposes	Harvested For Grain	Yield Per Harvested Acre	Production
	-Acres-		-Bushels-	
PANHANDLE				
Beaver	250,000	44,000	11.4	500,000
Cimarron	160,000	91,000	22.5	2,050,000
Ellis	130,000	85,000	13.5	1,150,000
Harper	160,000	70,000	15.7	1,100,000
Texas	320,000	195,000	24.1	4,700,000
Total	1,020,000	485,000	19.6	9,500,000
WEST CENTRAL				
Beckham	145,000	95,000	22.1	2,100,000
Blaine	270,000	210,000	29.0	6,100,000
Custer	260,000	225,000	30.2	6,800,000
Dewey	145,000	130,000	29.0	3,770,000
Roger Mills	75,000	40,000	18.3	730,000
Washita	305,000	250,000	24.8	6,200,000
Total	1,200,000	950,000	27.1	25,700,000
SOUTHWEST				
Caddo	260,000	210,000	26.7	5,600,000
Comanche	120,000	100,000	20.0	2,000,000
Cotton	170,000	130,000	21.5	2,800,000
Greer	80,000	65,000	19.2	1,250,000
Harmon	90,000	45,000	14.4	650,000
Jackson	240,000	190,000	18.9	3,600,000
Kiowa	260,000	235,000	21.3	5,000,000
Tillman	150,000	125,000	20.8	2,600,000
Total	1,370,000	1,100,000	21.4	23,500,000
NORTH CENTRAL				
Alfalfa	305,000	260,000	26.9	7,000,000
Garfield	425,000	390,000	35.4	13,800,000
Grant	465,000	435,000	32.2	14,000,000
Kay	305,000	295,000	36.6	10,800,000
Major	185,000	165,000	25.5	4,200,000
Noble	135,000	130,000	36.5	4,750,000
Woods	225,000	195,000	23.6	4,600,000
Woodward	135,000	105,000	16.2	1,700,000
Total	2,180,000	1,975,000	30.8	60,850,000
CENTRAL				
Canadian	240,000	205,000	28.0	5,750,000
Cleveland	15,000	9,500	25.3	240,000
Creek	3,500	2,000	30.0	60,000
Grady	112,000	90,000	28.6	2,570,000
Kingfisher	330,000	280,000	29.3	8,200,000
Lincoln	15,000	8,000	32.5	260,000
Logan	98,000	85,000	29.4	2,500,000
McClain	48,000	35,500	26.2	930,000
Okfuskee	10,000	5,000	20.0	100,000
Oklahoma	22,000	15,000	20.7	310,000
Payne	39,000	35,000	32.9	1,150,000
Pottawatomie	13,000	7,500	22.7	170,000
Seminole	4,500	2,500	24.0	60,000
Total	950,000	780,000	28.6	22,300,000

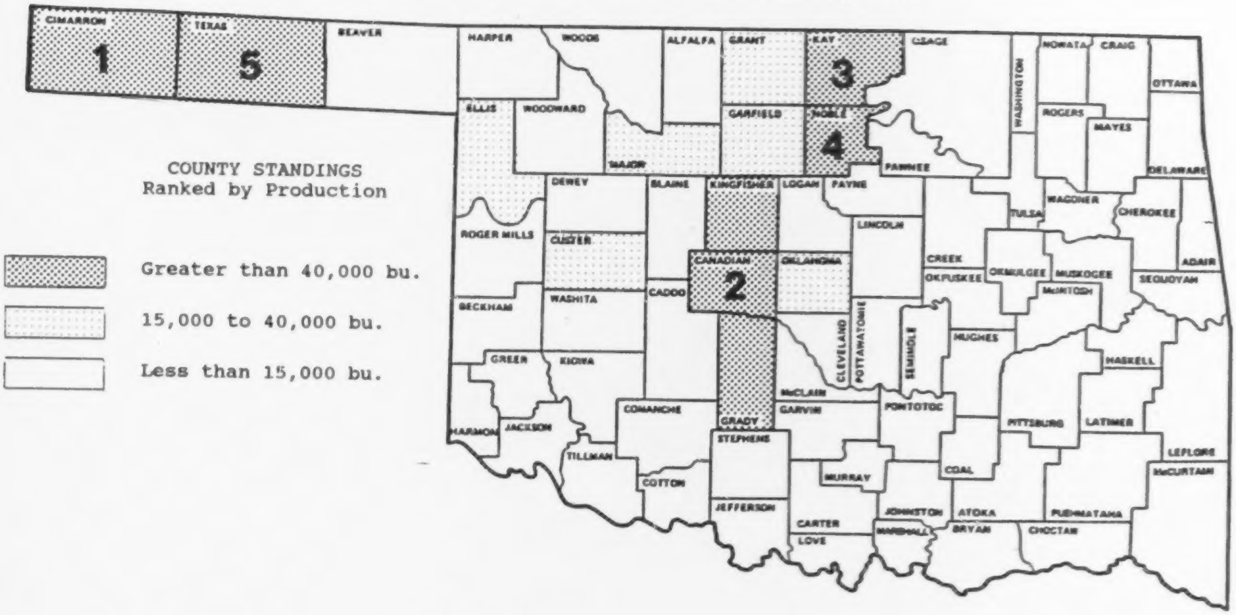
ALL WHEAT COUNTY ESTIMATES, OKLAHOMA, 1989

District and County	Planted For All Purposes	Harvested For Grain	Yield Per Harvested Acre	Production
	-Acres-		-Bushels-	
SOUTH CENTRAL				
Atoka	700	300	26.7	8,000
Bryan	19,000	11,000	25.0	275,000
Carter	9,400	4,000	28.8	115,000
Coal	3,000	1,300	25.4	33,000
Garvin	27,000	15,000	28.0	420,000
Jefferson	70,000	42,500	17.4	740,000
Johnston	3,000	2,100	23.8	50,000
Love	11,500	7,500	24.0	180,000
Marshall	7,000	5,000	29.0	145,000
Murray	6,000	2,800	23.2	65,000
Pontotoc	3,400	1,500	22.7	34,000
Stephens	50,000	27,000	23.5	635,000
Total	210,000	120,000	22.5	2,700,000
NORTHEAST				
Craig	28,000	22,500	31.8	715,000
Delaware	8,000	7,000	38.6	270,000
Mayes	10,000	5,500	27.3	150,000
Nowata	27,000	25,500	32.2	820,000
Osage	38,000	34,500	32.6	1,125,000
Ottawa	28,000	26,000	35.4	920,000
Pawnee	41,000	37,500	29.3	1,100,000
Rogers	19,000	14,500	35.2	510,000
Tulsa	14,000	12,000	32.1	385,000
Wagoner	32,000	31,000	33.5	1,040,000
Washington	15,000	14,000	33.2	465,000
Total	260,000	230,000	32.6	7,500,000
EAST CENTRAL				
Adair	4,000	1,600	25.0	40,000
Cherokee	1,300	1,000	45.0	45,000
Haskell	7,000	5,500	31.8	175,000
Hughes	9,000	3,400	23.5	80,000
McIntosh	5,000	1,800	30.6	55,000
Muskogee	24,500	18,000	33.3	600,000
Okmulgee	13,000	7,600	31.6	240,000
Pittsburg	4,700	1,400	25.0	35,000
Sequoyah	6,500	4,700	27.7	130,000
Total	75,000	45,000	31.1	1,400,000
SOUTHEAST				
Choctaw	8,000	2,600	23.8	62,000
Latimer	500	200	30.0	6,000
LeFlore	8,400	6,300	36.5	230,000
McCurtain	17,500	5,600	25.9	145,000
Pushmataha	600	300	23.3	7,000
Total	35,000	15,000	30.0	450,000
STATE TOTAL	**7,300,000**	**5,700,000**	**27.0**	**153,900,000**

ALL WHEAT PRODUCTION, OKLAHOMA, 1989



BARLEY PRODUCTION, OKLAHOMA, 1989



BARLEY COUNTY ESTIMATES, OKLAHOMA, 1989

District and County	Planted For All Purposes	Harvested For Grain	Yield Per Harvested Acre	Production
	-Acres-		-Bushels-	
PANHANDLE				
Beaver	900	400	35.0	14,000
Cimarron	2,300	1,700	70.6	120,000
Ellis	900	600	35.0	21,000
Harper	900	300	33.3	10,000
Texas	1,500	800	62.5	50,000
Total	6,500	3,800	56.6	215,000
WEST CENTRAL				
Custer	600	550	36.4	20,000
Other Counties	1,400	1,050	35.2	37,000
Total	2,000	1,600	35.6	57,000
SOUTHWEST				
Other Counties	1,500	1,300	35.4	46,000
Total	1,500	1,300	35.4	46,000
NORTH CENTRAL				
Garfield	700	650	49.2	32,000
Grant	800	600	41.7	25,000
Kay	2,500	2,100	42.9	90,000
Noble	1,800	1,500	52.0	78,000
Other Counties	1,200	1,050	38.1	40,000
Total	7,000	5,900	44.9	265,000
CENTRAL				
Canadian	2,500	2,300	41.3	95,000
Grady	1,200	1,100	40.9	45,000
Kingfisher	800	800	52.5	42,000
Other Counties	1,500	1,300	44.6	58,000
Total	6,000	5,500	43.6	240,000
NORTHEAST				
Other Counties	1,000	950	36.8	35,000
Total	1,000	950	36.8	35,000
OTHER DISTRICTS				
Total	1,000	950	44.2	42,000
STATE TOTAL	**25,000**	**20,000**	**45.0**	**900,000**

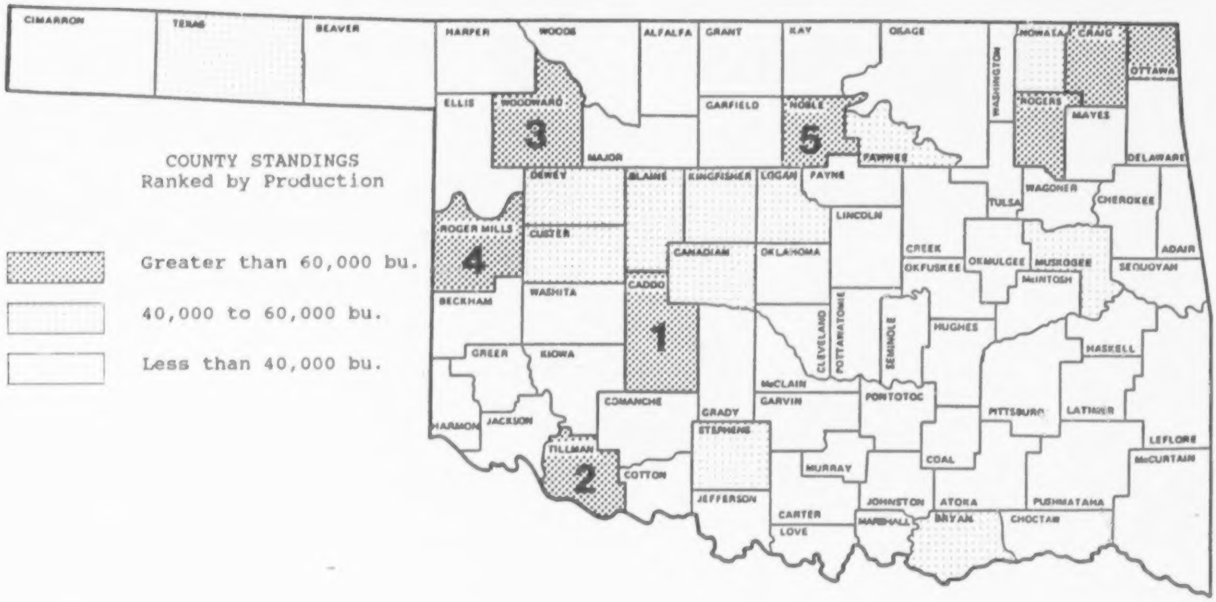
OAT COUNTY ESTIMATES, OKLAHOMA, 1989

District and County	Planted For All Purposes	Harvested For Grain	Yield Per Harvested Acre	Production
	-Acres-		-Bushels-	
PANHANDLE				
Beaver	700	500	32.0	16,000
Ellis	1,100	300	30.0	9,000
Texas	900	700	84.3	59,000
Other Counties	500	200	45.0	9,000
Total	3,200	1,700	54.7	93,000
WEST CENTRAL				
Beckham	2,000	600	23.3	14,000
Blaine	5,000	1,600	34.4	55,000
Custer	3,700	1,700	32.4	55,000
Dewey	2,400	900	44.4	40,000
Roger Mills	3,500	1,900	40.0	76,000
Washita	2,400	800	25.0	20,000
Total	19,000	7,500	34.7	260,000
SOUTHWEST				
Caddo	5,000	2,600	38.5	100,000
Comanche	2,700	900	15.6	14,000
Cotton	1,800	600	20.0	12,000
Greer	1,800	700	22.9	16,000
Harmon	1,300	700	28.6	20,000
Jackson	2,000	900	20.0	18,000
Kiowa	2,900	1,000	21.0	21,000
Tillman	4,500	2,600	34.6	90,000
Total	22,000	10,000	29.1	291,000
NORTH CENTRAL				
Alfalfa	1,400	500	28.0	14,000
Garfield	1,600	500	30.0	15,000
Grant	1,600	400	32.5	13,000
Kay	1,800	1,000	28.0	28,000
Major	2,400	600	25.0	15,000
Noble	2,600	2,100	35.7	75,000
Woods	2,800	1,000	26.0	26,000
Woodward	6,800	2,900	27.6	80,000
Total	21,000	9,000	29.6	266,000
CENTRAL				
Canadian	3,100	1,900	23.7	45,000
Cleveland	800	200	20.0	4,000
Creek	600	200	20.0	4,000
Grady	2,800	1,900	18.4	35,000
Kingfisher	3,000	1,700	29.4	50,000
Lincoln	2,900	600	18.3	11,000
Logan	1,700	1,300	30.8	40,000
McClain	1,200	400	20.0	8,000
Oklahoma	1,400	500	32.0	16,000
Payne	900	300	23.3	7,000
Pottawatomie	900	300	20.0	6,000
Other Counties	700	200	20.0	4,000
Total	20,000	9,500	24.2	230,000

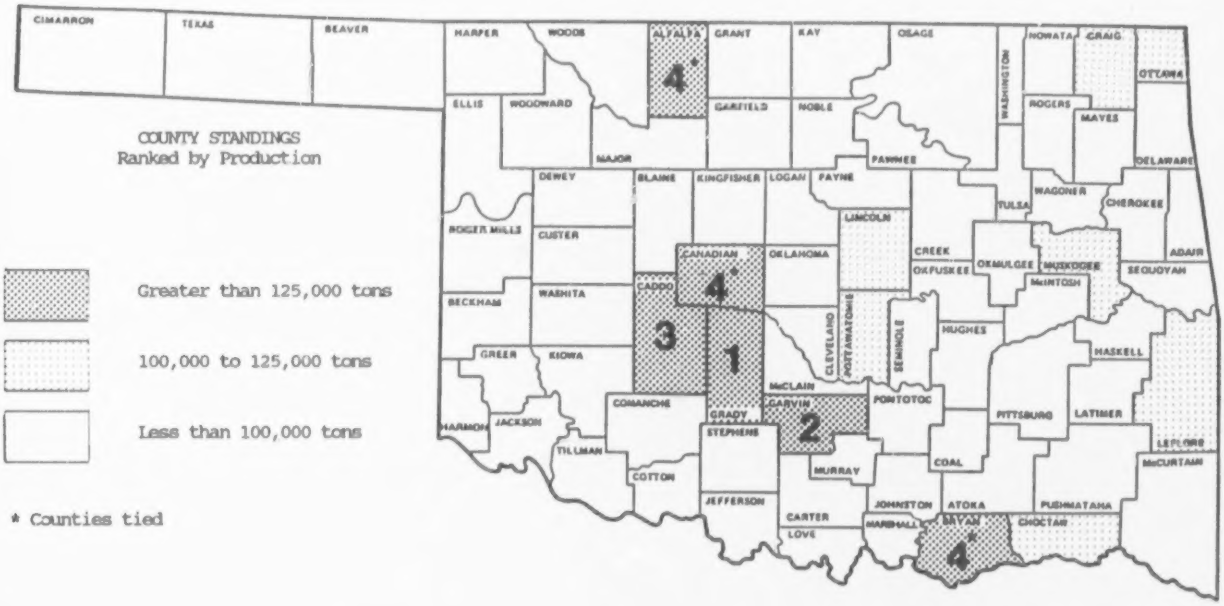
OAT COUNTY ESTIMATES, OKLAHOMA, 1989

District and County	Planted For All Purposes	Harvested For Grain	Yield Per Harvested Acre	Production
	-Acres-		-Bushels-	
SOUTH CENTRAL				
Atoka	500	250	40.0	10,000
Bryan	3,200	1,000	40.0	40,000
Carter	1,400	400	50.0	20,000
Coal	500	150	40.0	6,000
Garvin	1,800	400	35.0	14,000
Jefferson	3,400	800	36.3	29,000
Johnston	1,400	600	26.7	16,000
Love	1,600	700	47.1	33,000
Marshall	2,200	800	43.8	35,000
Murray	1,200	300	36.7	11,000
Pontotoc	1,000	300	36.7	11,000
Stephens	2,800	1,300	42.3	55,000
Total	21,000	7,000	40.0	280,000
NORTHEAST				
Craig	2,500	1,500	46.7	70,000
Delaware	500	200	35.0	7,000
Mayes	2,200	1,000	38.0	38,000
Nowata	1,600	1,300	38.5	50,000
Osage	1,600	800	43.8	35,000
Ottawa	1,800	1,400	48.6	68,000
Pawnee	1,100	1,000	42.0	42,000
Rogers	1,800	1,000	65.0	65,000
Tulsa	700	600	33.3	20,000
Wagoner	800	400	35.0	14,000
Washington	1,400	800	38.8	31,000
Total	16,000	10,000	44.0	440,000
EAST CENTRAL				
Haskell	700	600	45.0	27,000
Hughes	500	300	30.0	9,000
McIntosh	1,500	1,100	33.6	37,000
Muskogee	2,400	1,900	28.9	55,000
Okmulgee	600	300	30.0	9,000
Pittsburg	500	200	40.0	8,000
Other Counties	900	600	38.3	23,000
Total	7,100	5,000	33.6	168,000
SOUTHEAST				
Other Counties	700	300	40.0	12,000
Total	700	300	40.0	12,000
STATE TOTAL	**130,000**	**60,000**	**34.0**	**2,040,000**

OAT PRODUCTION, OKLAHOMA, 1989



ALL HAY PRODUCTION, OKLAHOMA, 1989



ALL HAY COUNTY ESTIMATES, OKLAHOMA, 1989

Dist. / Co.	Harvested	Yield	Prod
	-Acres-	-Tons-	
PANHANDLE			
Beaver	24,000	2.17	52,000
Cimarron	9,000	2.56	23,000
Ellis	26,000	3.62	94,000
Harper	16,000	2.13	34,000
Texas	20,000	2.85	57,000
Total	95,000	2.74	260,000
WEST CENTRAL			
Beckham	33,500	1.94	65,000
Blaine	33,500	1.82	61,000
Custer	29,000	2.14	62,000
Dewey	24,500	1.43	35,000
Roger Mills	28,500	2.00	57,000
Washita	36,000	2.64	95,000
Total	185,000	2.03	375,000
SOUTHWEST			
Caddo	55,500	2.27	126,000
Comanche	30,500	2.00	61,000
Cotton	12,000	2.00	24,000
Greer	16,000	3.13	50,000
Harmon	9,000	2.56	23,000
Jackson	13,000	1.46	19,000
Kiowa	19,000	2.16	41,000
Tillman	15,000	2.40	36,000
Total	170,000	2.24	380,000
NORTH CENTRAL			
Alfalfa	38,000	3.29	125,000
Garfield	28,000	1.86	52,000
Grant	23,000	2.26	52,000
Kay	37,000	2.38	88,000
Major	24,000	2.08	50,000
Noble	28,500	2.28	65,000
Woods	20,500	2.10	43,000
Woodward	31,000	2.74	85,000
Total	230,000	2.43	560,000
CENTRAL			
Canadian	46,000	2.72	125,000
Cleveland	22,500	1.91	43,000
Creek	21,000	1.67	35,000
Grady	63,000	3.10	195,000
Kingfisher	27,000	2.30	62,000
Lincoln	46,500	2.37	110,000
Logan	22,000	1.95	43,000
McClain	30,000	3.10	93,000
Okfuskee	27,500	1.71	47,000
Oklahoma	14,000	1.29	18,000
Payne	29,500	2.31	68,000
Pottawatomie	39,000	2.64	103,000
Seminole	16,500	2.06	34,000
Total	410,000	2.44	1,000,000
SOUTH CENTRAL			
Atoka	43,000	1.63	70,000
Bryan	70,000	1.79	125,000
Carter	20,000	1.75	35,000
Coal	27,000	1.78	48,000
Garvin	46,000	2.89	133,000
Jefferson	12,500	1.52	19,000
Johnston	26,000	1.54	40,000
Love	16,000	2.00	32,000
Marshall	8,000	2.13	17,000
Murray	20,000	2.45	49,000
Pontotoc	35,500	1.77	63,000
Stephens	36,000	2.33	84,000
Total	360,000	1.99	715,000
NORTHEAST			
Craig	60,000	1.70	102,000
Delaware	45,000	1.96	88,000
Mayes	54,500	1.67	91,000
Nowata	32,000	1.53	49,000
Osage	44,000	1.68	74,000
Ottawa	45,500	2.31	105,000
Pawnee	16,000	2.38	38,000
Rogers	40,000	1.73	69,000
Tulsa	20,000	1.50	30,000
Wagoner	42,000	2.00	84,000
Washington	21,000	1.67	35,000
Total	420,000	1.82	765,000
EAST CENTRAL			
Adair	32,500	1.85	60,000
Cherokee	30,000	1.83	55,000
Haskell	57,000	1.33	76,000
Hughes	26,500	1.40	37,000
McIntosh	32,000	1.78	57,000
Muskogee	68,000	1.76	120,000
Okmulgee	22,000	1.59	35,000
Pittsburg	60,000	1.62	97,000
Sequoyah	22,000	1.50	33,000
Total	350,000	1.63	570,000
SOUTHEAST			
Choctaw	41,000	2.68	110,000
Latimer	23,500	1.70	40,000
LeFlore	55,500	1.98	110,000
McCurtain	35,000	2.86	100,000
Pushmataha	25,000	1.60	40,000
Total	180,000	2.22	400,000
STATE TOTAL	**2,400,000**	**2.09**	**5,025,000**

ALFALFA HAY COUNTY ESTIMATES, OKLAHOMA, 1989

Dist. / Co.	Harvested	Yield	Prod
	-Acres-	-T o	n s-
PANHANDLE			
Beaver	6,000	4.67	28,000
Cimarron	3,000	5.00	15,000
Ellis	8,500	8.24	70,000
Harper	6,000	2.83	17,000
Texas	6,500	6.15	40,000
Total	30,000	5.67	170,000
WEST CENTRAL			
Beckham	9,500	4.00	38,000
Blaine	5,500	3.64	20,000
Custer	6,000	4.33	26,000
Dewey	3,500	3.71	13,000
Roger Mills	6,500	3.69	24,000
Washita	13,000	4.15	54,000
Total	44,000	3.98	175,000
SOUTHWEST			
Caddo	12,500	4.08	51,000
Comanche	6,500	3.23	21,000
Cotton	2,500	2.60	6,500
Greer	11,000	3.64	40,000
Harmon	4,000	4.13	16,500
Jackson	4,000	2.38	9,500
Kiowa	9,000	2.56	23,000
Tillman	8,500	2.65	22,500
Total	58,000	3.28	190,000
NORTH CENTRAL			
Alfalfa	28,000	3.93	110,000
Garfield	7,000	3.00	21,000
Grant	9,000	3.56	32,000
Kay	12,000	3.75	45,000
Major	7,000	3.29	23,000
Noble	8,500	3.65	31,000
Woods	7,500	2.80	21,000
Woodward	9,000	3.56	32,000
Total	88,000	3.58	315,000
CENTRAL			
Canadian	12,500	3.60	45,000
Cleveland	6,500	3.00	19,500
Creek	2,000	2.25	4,500
Grady	30,000	4.33	130,000
Kingfisher	10,000	3.50	35,000
Lincoln	8,500	3.53	30,000
Logan	5,500	3.27	18,000
McClain	16,000	4.38	70,000
Okfuskee	2,500	4.00	10,000
Oklahoma	5,500	4.36	24,000
Payne	9,500	3.37	32,000
Pottawatomie	14,000	4.00	56,000
Seminole	2,500	2.40	6,000
Total	125,000	3.84	480,000

Dist. / Co.	Harvested	Yield	Prod
	-Acres-	-T o	n s-
SOUTH CENTRAL			
Atoka	1,300	2.31	3,000
Bryan	5,000	4.00	20,000
Carter	2,000	2.50	5,000
Coal	1,000	3.50	3,500
Garvin	23,000	4.22	97,000
Jefferson	200	2.50	500
Johnston	1,000	2.50	2,500
Love	1,000	4.00	4,000
Marshall	1,000	3.50	3,500
Murray	6,000	4.50	27,000
Pontotoc	3,500	2.29	8,000
Stephens	11,000	3.73	41,000
Total	56,000	3.84	215,000
NORTHEAST			
Craig	1,000	4.00	4,000
Delaware	2,000	4.00	8,000
Mayes	2,500	2.20	5,500
Nowata	2,000	3.25	6,500
Osage	8,000	2.88	23,000
Ottawa	1,500	2.33	3,500
Pawnee	4,500	4.22	19,000
Rogers	1,500	3.33	5,000
Tulsa	2,000	3.00	6,000
Wagoner	5,000	3.80	19,000
Washington	2,000	2.75	5,500
Total	32,000	3.28	105,000
EAST CENTRAL			
Adair	500	3.00	1,500
Cherokee	1,000	4.00	4,000
Haskell	2,000	3.00	6,000
Hughes	1,500	3.00	4,500
McIntosh	500	2.00	1,000
Muskogee	4,000	3.88	15,500
Okmulgee	500	4.00	2,000
Pittsburg	500	2.00	1,000
Sequoyah	1,000	2.50	2,500
Total	11,500	3.30	38,000
SOUTHEAST			
Choctaw	1,000	4.50	4,500
Latimer	200	4.00	800
LeFlore	2,500	4.00	10,000
McCurtain	1,300	3.69	4,800
Pushmataha	500	3.80	1,900
Total	5,500	4.00	22,000
STATE TOTAL	**450,000**	**3.80**	**1,710,000**

ALL-OTHER HAY COUNTY ESTIMATES, OKLAHOMA, 1989

Dist. / Co.	Harvested	Yield	Prod
	-Acres-	-T	o n s-
PANHANDLE			
Beaver	18,000	1.33	24,000
Cimarron	6,000	1.33	8,000
Ellis	17,500	1.37	24,000
Harper	10,000	1.70	17,000
Texas	13,500	1.26	17,000
Total	65,000	1.38	90,000
WEST CENTRAL			
Beckham	24,000	1.13	27,000
Blaine	28,000	1.46	41,000
Custer	23,000	1.57	36,000
Dewey	21,000	1.05	22,000
Roger Mills	22,000	1.50	33,000
Washita	23,000	1.78	41,000
Total	141,000	1.42	200,000
SOUTHWEST			
Caddo	43,000	1.74	75,000
Comanche	24,000	1.67	40,000
Cotton	9,500	1.84	17,500
Greer	5,000	2.00	10,000
Harmon	5,000	1.30	6,500
Jackson	9,000	1.06	9,500
Kiowa	10,000	1.80	18,000
Tillman	6,500	2.08	13,500
Total	112,000	1.70	190,000
NORTH CENTRAL			
Alfalfa	10,000	1.50	15,000
Garfield	21,000	1.48	31,000
Grant	14,000	1.43	20,000
Kay	25,000	1.72	43,000
Major	17,000	1.59	27,000
Noble	20,000	1.70	34,000
Woods	13,000	1.69	22,000
Woodward	22,000	2.41	53,000
Total	142,000	1.73	245,000
CENTRAL			
Canadian	33,500	2.39	80,000
Cleveland	16,000	1.47	23,500
Creek	19,000	1.61	30,500
Grady	33,000	1.97	65,000
Kingfisher	17,000	1.59	27,000
Lincoln	38,000	2.11	80,000
Logan	16,500	1.52	25,000
McClain	14,000	1.64	23,000
Okfuskee	25,000	1.48	37,000
Oklahoma	14,000	1.29	18,000
Payne	20,000	1.80	36,000
Pottawatomie	25,000	1.88	47,000
Seminole	14,000	2.00	28,000
Total	285,000	1.82	520,000

Dist. / Co.	Harvested	Yield	Prod
	-Acres-	-T	o n s-
SOUTH CENTRAL			
Atoka	41,700	1.61	67,000
Bryan	65,000	1.62	105,000
Carter	18,000	1.67	30,000
Coal	26,000	1.71	44,500
Garvin	23,000	1.57	36,000
Jefferson	12,300	1.50	18,500
Johnston	25,000	1.50	37,500
Love	15,000	1.87	28,000
Marshall	7,000	1.93	13,500
Murray	14,000	1.57	22,000
Pontotoc	32,000	1.72	55,000
Stephens	25,000	1.72	43,000
Total	304,000	1.64	500,000
NORTHEAST			
Craig	59,000	1.66	98,000
Delaware	43,000	1.86	80,000
Mayes	52,000	1.64	85,500
Nowata	30,000	1.42	42,500
Osage	36,000	1.42	51,000
Ottawa	44,000	2.31	101,500
Pawnee	11,500	1.65	19,000
Rogers	38,500	1.66	64,000
Tulsa	18,000	1.33	24,000
Wagoner	37,000	1.76	65,000
Washington	19,000	1.55	29,500
Total	388,000	1.70	660,000
EAST CENTRAL			
Adair	32,000	1.83	58,500
Cherokee	29,000	1.76	51,000
Haskell	55,000	1.27	70,000
Hughes	25,000	1.30	32,500
McIntosh	31,500	1.78	56,000
Muskogee	64,000	1.63	104,500
Okmulgee	21,500	1.53	33,000
Pittsburg	59,500	1.61	96,000
Sequoyah	21,000	1.45	30,500
Total	338,500	1.57	532,000
SOUTHEAST			
Choctaw	40,000	2.64	105,500
Latimer	23,300	1.68	39,200
LeFlore	53,000	1.89	100,000
McCurtain	33,700	2.82	95,200
Pushmataha	24,500	1.56	38,100
Total	174,500	2.17	378,000
STATE TOTAL	**1,950,000**	**1.70**	**3,315,000**

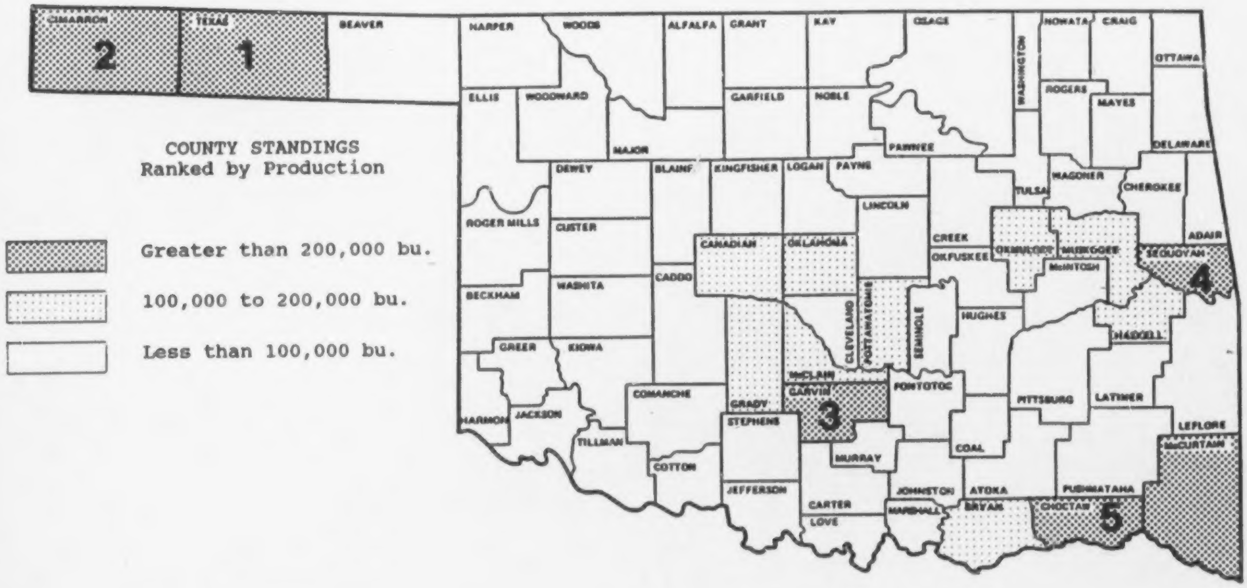
CORN COUNTY ESTIMATES, OKLAHOMA, 1989

District and County	Planted For All Purposes	Harvested For Grain	Yield Per Harvested Acre	Production
	-Acres-		-Bushels-	
PANHANDLE				
Cimarron	6,400	3,400	104.4	355,000
Ellis	500	300	60.0	18,000
Texas	40,000	34,700	160.9	5,583,000
Other Counties	600	300	80.0	24,000
Total	47,500	38,700	154.5	5,980,000
WEST CENTRAL				
Custer	700	200	73.5	14,700
Other Counties	700	300	81.0	24,300
Total	1,400	500	78.0	39,000
SOUTHWEST				
Caddo	900	700	114.3	80,000
Other Counties	700	400	75.0	30,000
Total	1,600	1,100	100.0	110,000
NORTH CENTRAL				
Grant	600	250	66.0	16,500
Kay	800	500	45.0	22,500
Major	800	300	45.0	13,500
Other Counties	300	150	50.0	7,500
Total	2,500	1,200	50.0	60,000
CENTRAL				
Canadian	1,700	1,100	96.3	105,900
Cleveland	1,100	1,000	98.0	98,000
Grady	2,000	1,400	90.0	126,000
McClain	1,500	1,400	85.0	119,000
Okfuskee	500	400	70.0	28,000
Oklahoma	1,500	1,200	85.0	102,000
Pottawatomie	2,200	2,000	80.0	160,000
Other Counties	1,000	700	77.3	54,100
Total	11,500	9,200	86.2	793,000
SOUTH CENTRAL				
Bryan	1,800	1,600	75.0	120,000
Garvin	2,700	2,400	98.2	235,600
Marshall	1,300	1,000	92.0	92,000
Pontotoc	500	450	88.9	40,000
Other Counties	1,700	1,350	92.1	124,400
Total	8,000	6,800	90.0	612,000
NORTHEAST				
Mayes	700	600	92.5	55,500
Nowata	900	800	85.0	68,000
Ottawa	800	700	90.0	63,000
Pawnee	500	250	64.0	16,000
Wagoner	600	500	95.0	47,500
Other Counties	1,500	1,250	76.0	95,000
Total	5,000	4,100	84.1	345,000

CORN COUNTY ESTIMATES, OKLAHOMA, 1989

District and County	Planted For All Purposes	Harvested For Grain	Yield Per Harvested Acre	Production
	-Acres-		-Bushels-	
EAST CENTRAL				
Haskell	1,500	1,400	85.7	120,000
Hughes	800	700	83.6	58,500
McIntosh	700	600	80.0	48,000
Muskogee	2,700	2,600	71.2	185,000
Okmulgee	1,500	1,500	80.0	120,000
Sequoyah	2700	2600	89.6	233000
Other Counties	600	500	51.0	25,500
Total	10,500	9,900	79.8	790,000
SOUTHEAST				
Choctaw	2,700	2,450	90.0	220,500
LeFlore	600	550	65.5	36,000
McCurtain	3,500	3,300	62.3	205,500
Other Counties	200	200	65.0	13,000
Total	7,000	6,500	73.1	475,000
STATE TOTAL	**95,000**	**78,000**	**118.0**	**9,204,000**

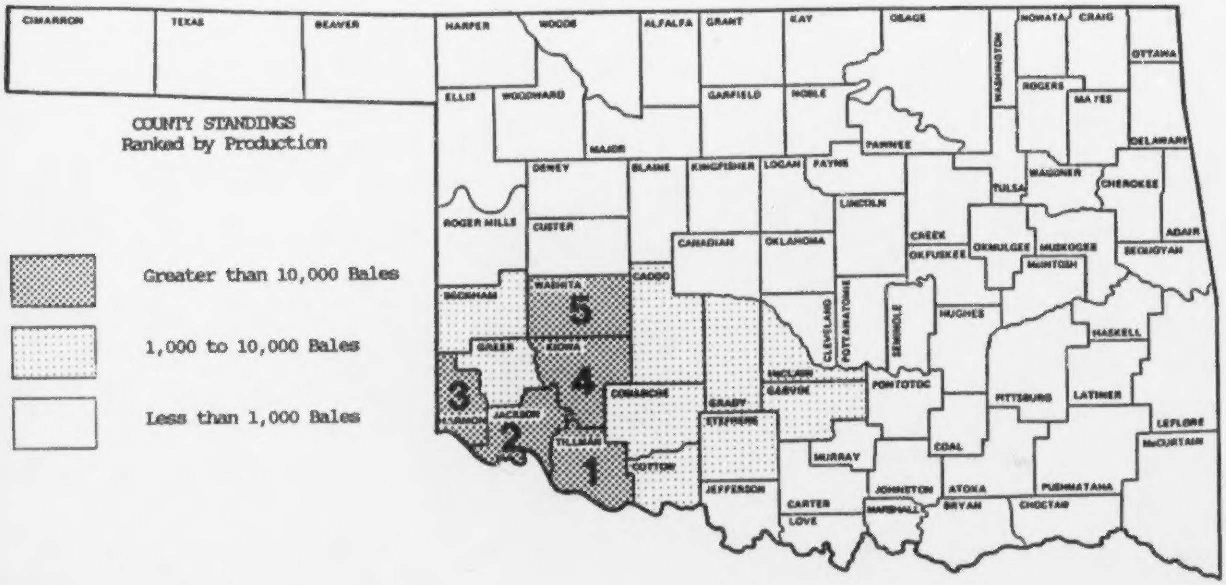
CORN FOR GRAIN PRODUCTION, OKLAHOMA, 1989



IRRIGATED COTTON COUNTY ESTIMATES, OKLAHOMA, 1989

District and County	Planted For All Purposes	Harvested For Grain	Yield Per Harvested Acre	Production
	-Acres-		-Bales-	
WEST CENTRAL				
Washita	900	630	274	360
Other Co.	600	420	251	220
Total	1,500	1,050	265	580
SOUTHWEST				
Caddo	5,500	4,000	300	2,500
Greer	2,900	2,580	502	2,700
Harmon	17,600	17,500	571	20,800
Jackson	41,500	39,700	389	32,200
Kiowa	1,800	1,420	473	1,400
Tillman	13,000	12,700	374	9,900
Other Co.	700	600	400	500
Total	83,000	78,500	428	70,000
CENTRAL				
Other Co.	400	350	453	330
Total	400	350	453	330
OTHER DISTRICTS				
Total	100	100	432	90
STATE TOTAL	**85,000**	**80,000**	**426**	**71,000**

ALL COTTON PRODUCTION, OKLAHOMA, 1989



ALL COTTON COUNTY ESTIMATES, OKLAHOMA, 1989

District and County	Planted	Harvested	Yield Per Harvested Acre	Production
	-Acres-		-Bales-	
WEST CENTRAL				
Beckham	20,900	19,800	150	6,200
Blaine	700	600	136	170
Custer	7,000	4,900	103	1,050
Dewey	350	250	106	55
Roger Mills	3,050	2,900	103	625
Washita	43,000	37,550	198	15,500
Total	75,000	66,000	172	23,600
SOUTHWEST				
Caddo	19,500	16,250	154	5,200
Comanche	7,300	5,600	223	2,600
Cotton	11,900	11,450	231	5,500
Greer	14,500	13,850	260	7,500
Harmon	23,000	22,300	486	22,600
Jackson	50,500	45,500	362	34,300
Kiowa	42,800	41,750	206	17,900
Tillman	105,000	99,800	216	44,900
Total	274,500	256,500	263	140,500
CENTRAL				
Canadian	3,000	2,150	143	640
Cleveland	700	270	107	60
Grady	5,500	4,300	201	1,800
McClain	5,350	5,200	294	3,180
Other Counties	150	80	300	50
Total	14,700	12,000	229	5,730
SOUTH CENTRAL				
Garvin	2,000	1,900	341	1,350
Stephens	2,200	2,180	280	1,270
Other Counties	1,300	1,170	176	430
Total	5,500	5,250	279	3,050
OTHER DISTRICTS				
Total	300	250	230	120
STATE TOTAL	**370,000**	**340,000**	**244**	**173,000**

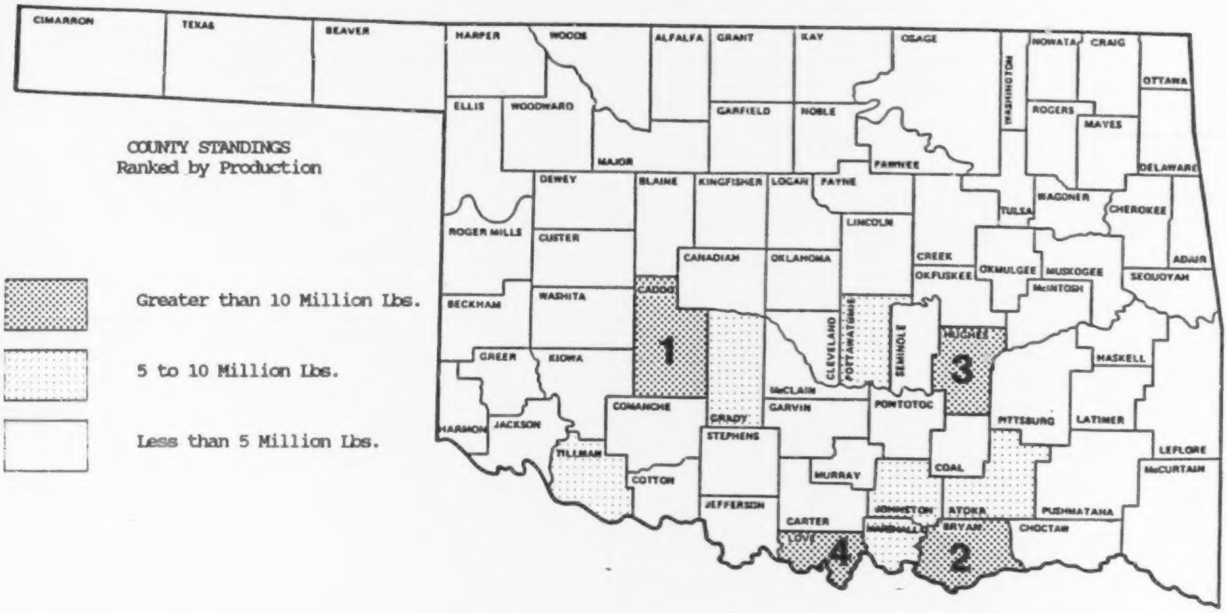
IRRIGATED PEANUT COUNTY ESTIMATES, OKLAHOMA, 1989

District and County	Planted	Harvested	Yield Per Harvested Acre	Production
	-Acres-		-Pounds-	
WEST CENTRAL				
Washita	500	500	2,960	1,480,000
Other Counties	900	900	2,965	2,670,000
Total	1,400	1,400	2,965	4,150,000
SOUTHWEST				
Caddo	29,500	29,500	2,635	77,700,000
Other Counties	3,350	3,000	2,600	7,800,000
Total	32,850	32,500	2,630	85,500,000
CENTRAL				
Grady	1,450	1,440	2,570	3,700,000
Okfuskee	1,280	1,280	1,760	2,250,000
Pottawatomie	2,850	2,850	1,840	5,250,000
Other Counties	770	630	2,380	1,500,000
Total	6,350	6,200	2,050	12,700,000
SOUTH CENTRAL				
Atoka	750	750	2,800	2,100,000
Bryan	10,600	10,600	1,680	17,800,000
Garvin	800	800	2,875	2,300,000
Johnston	1,480	1,480	2,925	4,330,000
Love	2,830	2,830	2,860	8,100,000
Marshall	1,870	1,870	2,305	4,310,000
Stephens	820	820	3,295	2,700,000
Other Counties	600	600	2,935	1,760,000
Total	19,750	19,750	2,195	43,400,000
EAST CENTRAL				
Hughes	6,675	6,675	2,315	15,450,000
Pittsburg	770	770	2,475	1,905,000
Other Counties	205	205	1,925	395,000
Total	7,650	7,650	2,320	17,750,000
STATE TOTAL	**68,000**	**67,500**	**2,422**	**163,500,000**

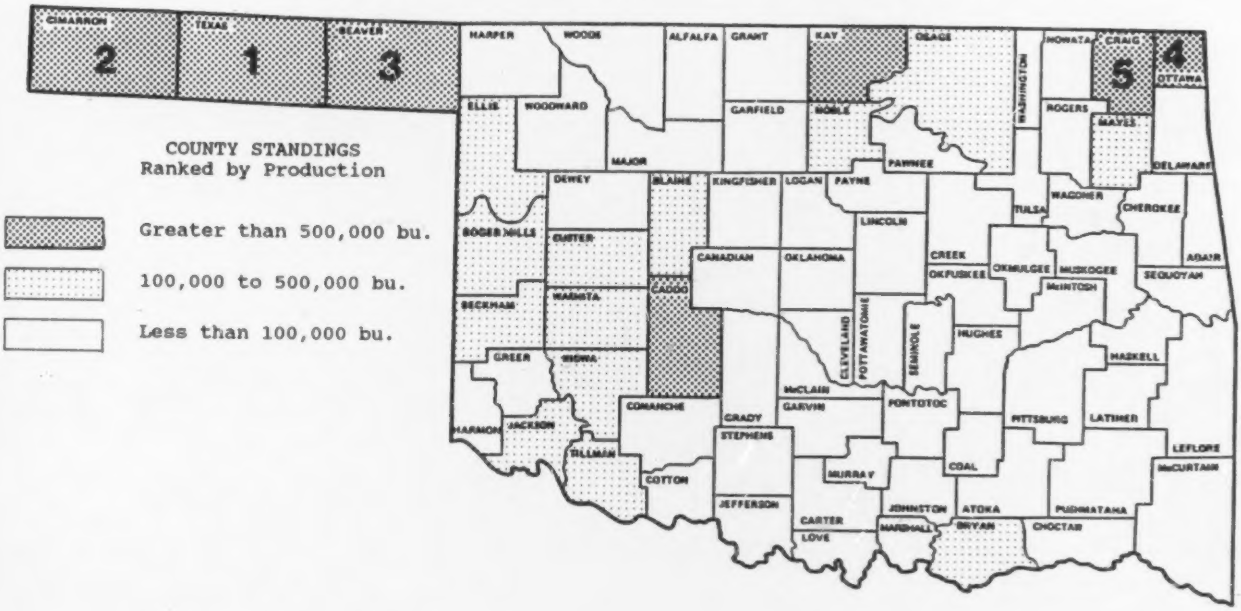
ALL PEANUT COUNTY ESTIMATES, OKLAHOMA, 1989

District and County	Planted	Harvested	Yield for Harvested Acre	Production
	-Acres-		-Pounds-	
WEST CENTRAL				
Beckham	625	625	2,270	1,420,000
Custer	600	600	3,035	1,820,000
Washita	1,150	1,150	2,470	2,840,000
Other Counties	125	125	2,560	320,000
Total	2,500	2,500	2,560	6,400,000
SOUTHWEST				
Caddo	31,150	31,000	2,620	81,200,000
Comanche	920	520	2,345	1,220,000
Harmon	560	560	2,055	1,150,000
Jackson	710	710	2,055	1,460,000
Tillman	1,940	1,940	2,680	5,200,000
Other Counties	420	420	2,430	1,020,000
Total	35,700	35,150	2,595	91,250,000
CENTRAL				
Grady	2,500	2,490	2,470	6,150,000
McClain	800	790	2,785	2,200,000
Okfuskee	2,150	2,140	1,695	3,625,000
Pottawatomie	3,350	3,330	1,800	6,000,000
Seminole	800	630	1,665	1,050,000
Other Counties	1,550	1,470	1,615	2,375,000
Total	11,150	10,850	1,970	21,400,000
SOUTH CENTRAL				
Atoka	3,025	3,020	1,720	5,200,000
Bryan	16,850	16,820	1,485	25,000,000
Carter	825	825	2,410	1,990,000
Garvin	1,080	1,075	2,605	2,800,000
Johnston	2,710	2,710	2,105	5,700,000
Love	5,250	5,240	2,290	12,000,000
Marshall	2,950	2,950	1,920	5,660,000
Stephens	2,040	2,040	2,305	4,700,000
Other Counties	570	570	2,020	1,150,000
Total	35,300	35,250	1,820	64,200,000
EAST CENTRAL				
Hughes	8,125	8,100	2,100	17,000,000
McIntosh	1,100	1,100	1,725	1,900,000
Okmulgee	1,750	1,750	1,520	2,660,000
Pittsburg	2,550	2,550	1,940	4,950,000
Other Counties	275	250	1,840	460,000
Total	13,800	13,750	1,960	26,970,000
SOUTHEAST				
Other Counties	550	500	960	480,000
Total	550	500	960	480,000
STATE TOTAL	**99,000**	**98,000**	**2,150**	**210,700,000**

ALL PEANUT PRODUCTION, OKLAHOMA, 1989



GRAIN SORGHUM PRODUCTION, OKLAHOMA, 1989



IRRIGATED SORGHUM COUNTY ESTIMATES, OKLAHOMA, 1989

District and County	Planted For All Purposes	Harvested For Grain	Yield Per Harvested Acre	Production
	-Acres-		-Bushels-	
PANHANDLE				
Beaver	9,000	8,900	95.5	850,000
Cimarron	18,000	17,800	64.6	1,150,000
Texas	34,000	33,400	87.1	2,910,000
Other Counties	1,500	1,400	50.0	70,000
Total	62,500	61,500	81.0	4,980,000
WEST CENTRAL				
Custer	500	400	50.0	20,000
Other Counties	900	700	64.3	45,000
Total	1,400	1,100	59.1	65,000
SOUTHWEST				
Caddo	2,300	2,000	88.8	177,500
Tillman	500	400	62.5	25,000
Other Counties	700	600	87.5	52,500
Total	3,500	3,000	85.0	255,000
NORTH CENTRAL				
Other Counties	1,000	950	73.7	70,000
Total	1,000	950	73.7	70,000
OTHER DISTRICTS	1,600	1,450	86.2	125,000
STATE TOTAL	**70,000**	**68,000**	**80.8**	**5,495,000**

ALL SORGHUM COUNTY ESTIMATES, OKLAHOMA, 1989

District and County	Planted For All Purposes	Harvested For Grain	Yield Per Harvested Acre	Production
	-Acres-		-Bushels-	
PANHANDLE				
Beaver	33,500	31,000	54.8	1,700,000
Cimarron	84,000	82,000	45.1	3,700,000
Ellis	5,500	3,500	37.1	130,000
Harper	4,000	2,500	32.0	80,000
Texas	93,000	91,000	53.7	4,890,000
Total	220,000	210,000	50.0	10,500,000
WEST CENTRAL				
Beckham	4,400	3,600	36.1	130,000
Blaine	5,400	2,900	36.2	105,000
Custer	4,900	3,100	40.3	125,000
Dewey	2,000	1,100	40.9	45,000
Roger Mills	6,000	4,800	44.8	215,000
Washita	9,300	8,000	40.0	320,000
Total	32,000	23,500	40.0	940,000
SOUTHWEST				
Caddo	11,000	9,500	55.8	530,000
Comanche	3,000	2,100	40.5	85,000
Cotton	3,700	3,000	29.0	87,000
Greer	1,600	800	25.0	20,000
Harmon	1,700	1,500	32.0	48,000
Jackson	5,600	5,000	49.0	245,000
Kiowa	5,400	4,800	46.9	225,000
Tillman	8,000	7,300	38.4	280,000
Total	40,000	34,000	44.7	1,520,000
NORTH CENTRAL				
Alfalfa	1,400	800	25.0	20,000
Garfield	2,400	1,400	28.6	40,000
Grant	5,500	3,100	28.7	89,000
Kay	17,500	14,500	42.8	620,000
Major	1,500	1,400	28.6	40,000
Noble	5,200	4,800	37.3	179,000
Woods	1,000	500	54.0	27,000
Woodward	2,500	1,500	36.7	55,000
Total	37,000	28,000	38.2	1,070,000
CENTRAL				
Canadian	900	800	62.5	50,000
Cleveland	200	200	50.0	10,000
Creek	800	700	42.9	30,000
Grady	1,600	1,400	43.6	61,000
Kingfisher	700	600	50.0	30,000
Lincoln	600	500	36.0	18,000
Logan	900	800	55.0	44,000
McClain	900	700	35.7	25,000
Okfuskee	700	600	40.0	24,000
Oklahoma	900	800	43.8	35,000
Payne	1,100	1,000	43.0	43,000
Pottawatomie	1,100	900	44.4	40,000
Seminole	600	500	40.0	20,000
Other Counties				
Total	11,000	9,500	45.3	430,000

ALL SORGHUM COUNTY ESTIMATES, OKLAHOMA, 1989

District and County	Planted For All Purposes	Harvested For Grain	Yield Per Harvested Acre	Production
	-Acres-		-Bushels-	
SOUTH CENTRAL				
Bryan	4,000	3,000	43.3	130,000
Garvin	700	650	50.8	33,000
Love	500	450	44.4	20,000
Stephens	1,000	700	41.4	29,000
Other Counties	2,300	1,700	40.0	68,000
Total	8,500	6,500	43.1	280,000
NORTHEAST				
Craig	13,000	12,600	67.5	850,000
Delaware	1,700	1,700	55.9	95,000
Mayes	2,700	2,700	44.4	120,000
Nowata	1,800	1,700	52.9	90,000
Osage	3,300	3,150	39.7	125,000
Ottawa	13,500	13,500	77.0	1,040,000
Pawnee	1,400	1,300	38.5	50,000
Rogers	1,100	950	52.6	50,000
Washington	1,300	1,200	62.5	75,000
Other Counties	1,200	1,200	45.8	55,000
Total	41,000	40,000	63.8	2,550,000
EAST CENTRAL				
Hughes	1,100	950	42.1	40,000
McIntosh	1,500	1,300	41.5	54,000
Muskogee	2,500	2,000	32.5	65,000
Okmulgee	900	800	35.0	28,000
Other Counties	1,000	450	40.0	18,000
Total	7,000	5,500	37.3	205,000
SOUTHEAST				
Choctaw	600	550	43.6	24,000
McCurtain	2,100	1,700	50.0	85,000
Other Counties	800	750	48.0	36,000
Total	3,500	3,000	48.3	145,000
STATE TOTAL	**400,000**	**360,000**	**49.0**	**17,640,000**

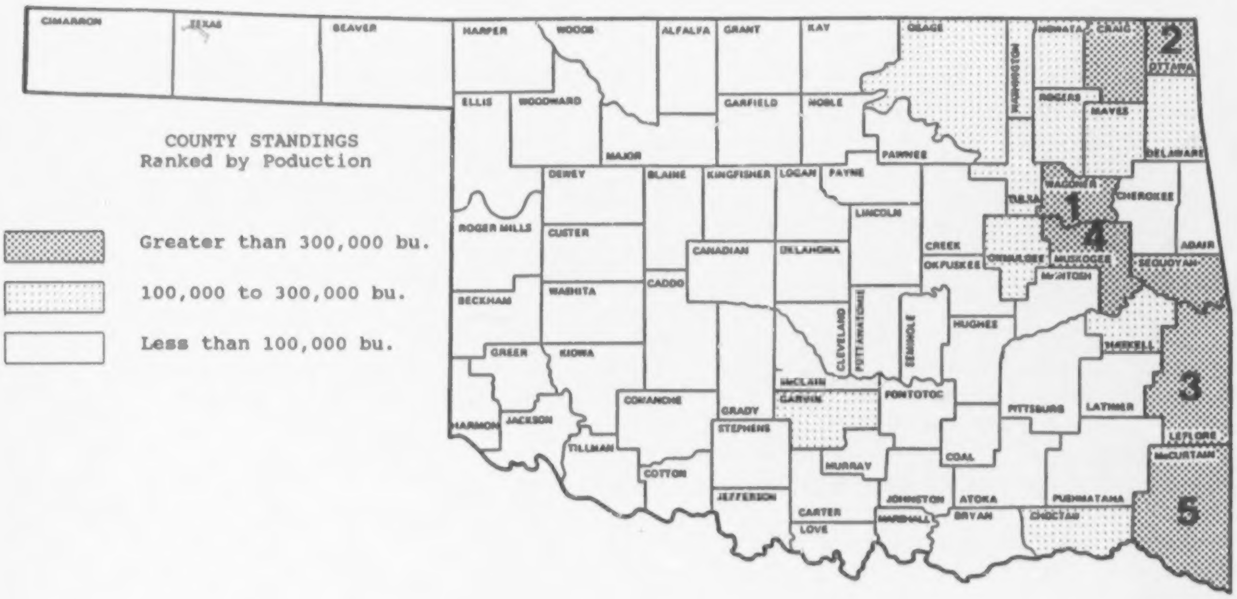
SOYBEAN COUNTY ESTIMATES, OKLAHOMA, 1989

District and County	Planted For All Purposes	Harvested For Grain	Yield Per Harvested Acre	Production
	-Acres-		-Bushels-	
PANHANDLE				
Texas	1,400	1,325	31.7	42,000
Other Counties	200	175	11.4	2,000
Total	1,600	1,500	29.3	44,000
WEST CENTRAL				
Custer	800	750	19.3	14,500
Other Counties	200	150	16.7	2,500
Total	1,000	900	18.9	17,000
SOUTHWEST				
Caddo	700	700	20.0	14,000
Other Counties	1,300	1,200	16.7	20,000
Total	2,000	1,900	17.9	34,000
NORTH CENTRAL				
Kay	1,200	700	14.3	10,000
Major	600	100	13.0	1,300
Other Counties	600	500	17.4	8,700
Total	2,400	1,300	15.4	20,000
CENTRAL				
Canadian	1,200	800	21.3	17,000
Grady	800	750	24.0	18,000
McClain	2,600	2,500	28.4	71,000
Okfuskee	500	500	17.0	8,500
Oklahoma	900	900	21.7	19,500
Pottawatomie	1,200	1,200	22.9	27,500
Seminole	800	800	20.0	16,000
Other Counties	1,000	950	23.7	22,500
Total	9,000	8,400	23.8	200,000
SOUTH CENTRAL				
Bryan	2,000	1,900	25.3	48,000
Garvin	5,800	5,600	35.7	200,000
Pontotoc	500	400	35.0	14,000
Other Counties	1,700	1,600	23.8	38,000
Total	10,000	9,500	31.6	300,000
NORTHEAST				
Craig	19,500	18,000	19.0	342,000
Delaware	5,000	4,900	26.5	130,000
Mayes	11,500	11,100	20.7	230,000
Nowata	8,000	7,700	20.5	158,000
Osage	4,000	3,500	30.0	105,000
Ottawa	38,000	37,000	24.6	910,000
Pawnee	1,200	800	25.0	20,000
Rogers	8,000	7,000	25.0	175,000
Tulsa	5,800	5,700	27.2	155,000
Wagoner	41,000	39,500	28.6	1,130,000
Washington	8,000	7,300	19.9	145,000
Total	150,000	142,500	24.6	3,500,000

SOYBEAN COUNTY ESTIMATES, OKLAHOMA, 1989

District and County	Planted For All Purposes	Harvested For Grain	Yield Per Harvested Acre	Production
	-Acres-		-Bushels-	
EAST CENTRAL				
Haskell	7,100	5,700	17.5	100,000
Hughes	1,900	1,600	25.0	40,000
McIntosh	3,700	3,500	20.0	70,000
Muskogee	35,000	33,800	21.0	710,000
Okmulgee	6,300	5,700	19.3	110,000
Pittsburg	1,200	1,000	16.0	16,000
Sequoyah	14,500	14,400	24.0	345,000
Other Counties	300	300	30.0	9000
Total	70,000	66,000	21.2	1,400,000
SOUTHEAST				
Choctaw	4,500	4,500	31.1	140,000
LeFlore	29,000	28,100	25.4	715,000
McCurtain	20,000	19,900	23.1	460,000
Other Counties	500	500	20.0	10,000
Total	54,000	53,000	25.0	1,325,000
STATE TOTAL	**300,000**	**285,000**	**24.0**	**6,840,000**

SOYBEAN PRODUCTION, OKLAHOMA, 1989



OKLAHOMA LIVESTOCK

OKLAHOMA
AGRICULTURAL
STATISTICS
SERVICE
Fact Finding
for Agriculture

OKLAHOMA LIVESTOCK - JANUARY 1, 1990

Oklahoma's cattle numbers increased during 1989, while sheep and hog numbers decreased from a year earlier. Annual average prices received in 1989 rose for cattle and calves and hogs. Sheep remained steady from 1988 but lamb prices averaged lower. Weather conditions tended to be abnormal for much of 1989, causing stress to both pastures and livestock.

Cattle and calves on Oklahoma farms and ranches totaled 5,300,000 head on January 1, 1990, up 3 percent from the 1989 figure of 5,150,000. The State's cow inventory rose 3 percent to 2,000,000 head from the 1,950,000 in 1989. This total consists of 1,900,000 beef cows, up 3 percent from 1989's 1,849,000 and 100,000 milk cows, down 1 percent from 1989. The number of calves under 500 pounds, at 1,150,000 head, was down from January 1, 1989. The average inventory value of $560 per head (up $15) gave a total value of all cattle and calves on the State's 62,000 cattle operations of $2.97 billion, up 6 percent from the January 1989 figure of $2.81 billion.

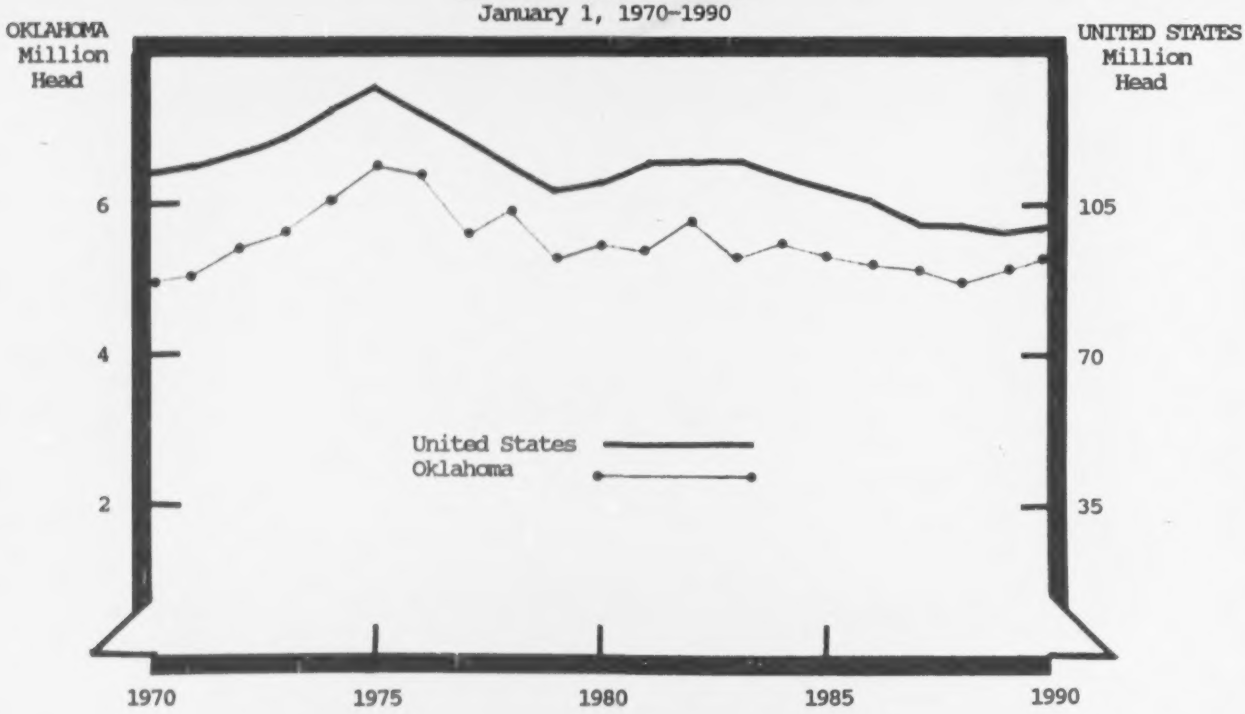
The number of cattle and calves in Oklahoma feedlots on January 1, 1990, at 325,000, was 7 percent above the previous year. Fed cattle marketings during 1989 totaled 765,000 head, 1 percent below 1988. Feedlot placements during the year were 4 percent above the year earlier.

Sheep and lamb numbers showed a 5 percent decrease from a year earlier. The inventory of sheep and lambs on Oklahoma's 2,800 sheep operations on January 1 consisted of 115,000 stock sheep, down 4 percent, and 14,000 sheep and lambs on feed, down 12 percent. The 1989 lamb crop of 90,000 head represented a 13 percent increase over 1988. The average value per head fell 15 percent from the 1989 level to $72.00, leading to a total inventory value of $9.3 million, a 19 percent drop from the previous year. Wool produced during 1989 totaled 752,000 pounds, down 2 percent from 1988's level. The average price received for wool in 1989 was $1.00 per pound.

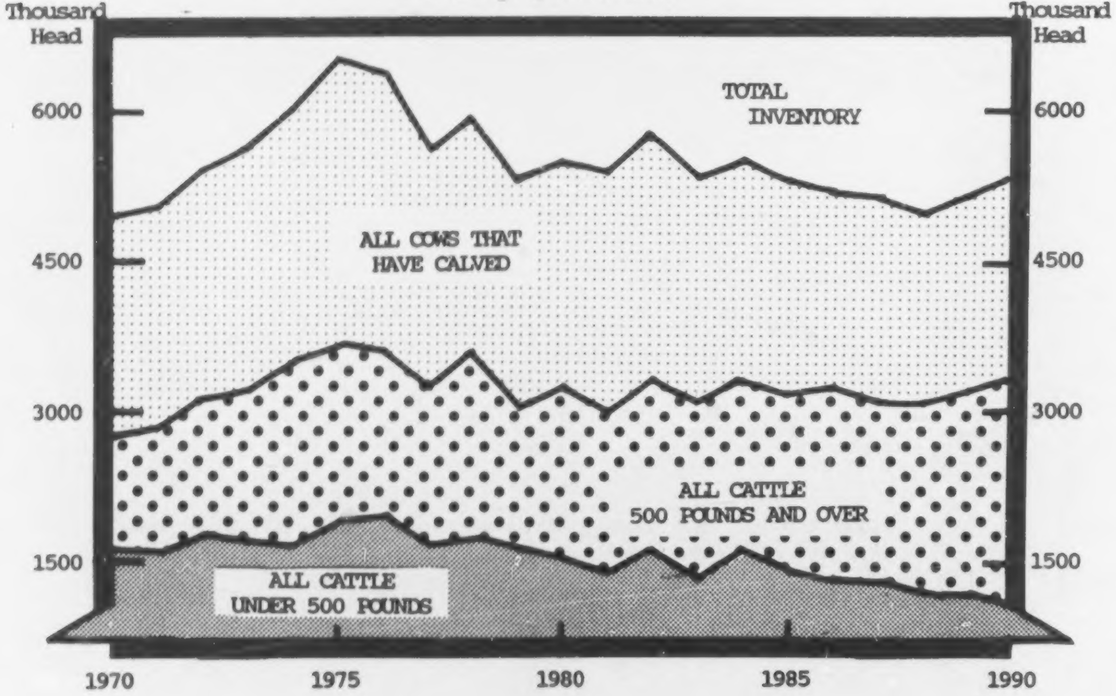
Angora goat numbers dropped 7 percent from the previous year to 65,000 head. The average value per head as of January 1, 1990, at $55.00 yielded a total inventory value of $3.6 million.

Hog numbers, as of December 1, 1989, totaled 230,000 head on the State's 6,200 hog operations. The total inventory was down 4 percent; breeding stock increased 14 percent and the number of market hogs dropped 7 percent from the 1988 inventory. The 1989 pig crop was 2 percent more than a year earlier and included 171,000 spring pigs and 177,000 fall pigs. Average value per head of $79.00 resulted in a total inventory value of $18.2 million, up 12 percent from the December 1, 1988 value.

CATTLE ON FARMS
Oklahoma - United States
January 1, 1970-1990



OKLAHOMA CATTLE NUMBERS BY CLASSES
January 1, 1970-1990



LIVESTOCK INVENTORY NUMBERS, OKLAHOMA, JANUARY 1, 1986-1990 AND HISTORIC

Year	Number on Farms and Ranches		Births	Average Value per Head	Total Dollar Value
	-Thousand Head-			-Dollars-	-Thousand-
ALL CATTLE AND CALVES					
	All Cattle	All Cows	Calf Crop		
1965	4,352	2,279	1,885	97.00	422,144
1970	4,985	2,200	2,084	155.00	772,675
1975	6,500	2,835	2,443	130.00	845,000
1980	5,500	2,270	2,150	445.00	2,447,500
1986	5,200	1,950	1,980	325.00	1,690,000
1987	5,150	2,050	1,850	330.00	1,699,500
1988	5,000	1,900	1,900	445.00	2,225,000
1989	5,150	1,950	1,930	545.00	2,806,750
1990	**5,300**	**2,000**	—	**560.00**	**2,968,000**
ALL SHEEP AND LAMBS 1/					
	Sheep	Stock Sheep	Lamb Crop		
1965	149	121	97	13.00	1,573
1970	138	104	86	22.50	2,340
1975	89	66	60	26.50	2,359
1980	93	78	62	73.50	6,836
1986	90	70	80	61.50	5,535
1987	105	80	61	68.50	7,193
1988	124	100	80	84.50	10,478
1989	136	120	90	84.50	11,492
1990	**129**	**115**	—	**72.00**	**9,288**

ALL HOGS AND PIGS 2/

Year	Hogs on Farms	Spring Farrowings Sows	Spring Farrowings Pigs Saved	Fall Farrowings Sows	Fall Farrowings Pigs Saved	Average Value Per Head	Total Dollar Value
	-Thousand Head-					-Dollars-	-Thousands-
1965	307	33	238	32	234	19.20	4,608
1970	442	48	355	48	350	22.50	9,945
1975	300	33	221	32	227	71.50	21,450
1980	350	38	277	36	270	57.50	20,125
1985	200	20	138	19	137	66.50	13,300
1986	220	23	145	22	158	80.00	17,600
1987	200	25	180	18	126	77.50	15,500
1988	240	25	170	24	170	67.50	16,200
1989	**230**	**23**	**171**	**24**	**177**	**79.00**	**18,170**

1/ Excludes new crop lambs.
2/ December 1.

Inventory, Supply and Disposition: Balance sheet estimates; the sum of inventory on hand beginning of year, births and inshipments equals the sum of marketings, farm slaughter, deaths and inventory on hand end of year.

Prices: State prices are as published in the February Agricultural Prices report, and are computed by weighting monthly estimated prices received by farmers, by monthly quantities sold.

- LIVESTOCK DISPOSITION, OKLAHOMA, 1985-1989 AND HISTORIC

Year	Marketings		Farm Slaughter	Deaths		Inshipments
	-Thousand Head-					
ALL CATTLE AND CALVES						
	Cattle	Calves		Cattle	Calves	
1965	1,916	395	40	54	82	646
1970	2,375	462	11	63	107	1,034
1975	3,286	398	19	110	180	1,450
1980	2,980	228	10	92	140	1,200
1985	2,690	175	15	95	175	1,200
1986	2,815	190	15	90	170	1,250
1987	2,885	170	15	90	140	1,300
1988	2,880	110	10	90	160	1,500
1989	**2,800**	**247**	**8**	**80**	**145**	**1,500**
ALL SHEEP AND LAMBS						
	Sheep	Lambs		Sheep	Lambs	
1965	13	94	2	13	11	47
1970	12	96	-	9	10	25
1975	14	58	-	6	9	17
1980	10	46	1	6	8	11
1985	8	53	2	4	8	20
1986	4	63	2	5	10	19
1987	4	54	2	6	8	32
1988	4	67	2	7	10	22
1989	**24.5**	**71**	**1.5**	**6**	**8**	**14**
ALL HOGS AND PIGS 1/						
		Hogs			Hogs	
1965		370	42		52	25
1970		569	12		62	32
1975		422	10		45	19
1980		547	10		50	40
1985		297	3		20	25
1986		282	3		30	32
1987		311	3		30	18
1988		348	3		25	76
1989		**422**	**4**		**20**	**88**

1/ December 1.

Marketings: Includes animals for slaughter market, as well as younger animals shipped to other states for feeding or breeding purposes. Excludes interfarm sales within the State and farm slaughter. Number of head marketed includes all custom slaughter.

Farm Slaughter: Animals slaughtered on farms primarily for home consumption. Excludes custom slaughter for farmers at commercial establishments.

MEAT ANIMALS: PRODUCTION AND PRICES, OKLAHOMA, 1985-1989 AND HISTORIC

Year	Production 1/	Marketings 2/	Price per 100 Pounds	
	-Thousand Pounds-		-Dollars-	
ALL CATTLE AND CALVES			Cattle	Calves
1965	1,443,180	1,817,720	19.30	22.50
1970	1,797,885	2,295,270	27.30	34.40
1975	2,085,120	2,925,275	30.00	27.90
1980	2,364,445	2,911,610	62.70	74.60
1985	2,092,700	2,685,550	49.90	62.30
1986	2,240,150	2,846,450	50.50	62.10
1987	2,116,450	2,792,560	57.60	79.30
1988	2,054,090	2,762,210	63.20	89.00
1989	**2,047,090**	**2,742,960**	**66.40**	**89.70**
ALL SHEEP AND LAMBS			Sheep	Lambs
1965	7,817	10,012	5.90	22.80
1970	7,390	10,090	6.10	26.00
1975	4,360	6,920	7.30	39.30
1980	5,351	5,702	15.00	62.00
1985	5,476	6,076	20.00	65.90
1986	7,666	6,981	21.40	67.60
1987	6,054	5,694	22.50	76.10
1988	7,605	7,080	21.10	66.90
1989	**8,003**	**9,614**	**21.10**	**65.30**
ALL HOGS AND PIGS			Hogs	
1965	100,575	87,377	19.50	
1970	145,565	131,099	22.60	
1975	100,489	93,800	46.50	
1980	126,554	118,395	37.20	
1985	80,547	84,303	44.60	
1986	82,045	78,220	49.70	
1987	86,205	85,255	49.50	
1988	90,555	92,733	41.40	
1989	**89,360**	**92,165**	**42.20**	

1/ Adjustments made for changes in inventory and inshipments.

2/ Excludes custom slaughter for use on farms where produced and interfarm sales within the State. Liveweight marketings exclude custom slaughter consumed on farms where produced.

Production: Includes total liveweight of livestock marketed, farm slaughter and custom slaughter consumed on farms where produced, minus liveweight of inshipments, and any increase or decrease in liveweight of inventory.

MEAT ANIMALS: VALUE OF PRODUCTION, OKLAHOMA, 1985-1989 AND HISTORIC

Year	Value of Production	Cash Receipts 1/	Value of Home Consumption	Gross Income
		-Thousand Dollars-		
ALL CATTLE AND CALVES				
1965	284,678	356,787	4,705	361,492
1970	505,800	639,461	7,384	646,845
1975	621,314	873,872	18,079	891,951
1980	1,490,474	1,837,546	20,975	1,858,521
1985	1,050,111	1,349,092	20,354	1,369,446
1986	1,140,608	1,447,271	22,053	1,469,324
1987	1,226,768	1,623,630	20,921	1,644,551
1988	1,310,218	1,757,084	20,310	1,777,394
1989	**1,379,152**	**1,843,591**	**16,299**	**1,859,890**
ALL SHEEP AND LAMBS				
1965	1,582	2,038	23	2,061
1970	1,725	2,337	-	2,337
1975	1,694	2,182	-	2,182
1980	2,669	2,971	124	3,095
1985	3,326	3,563	250	3,813
1986	4,713	4,497	321	4,818
1987	3,709	4,076	289	4,365
1988	4,185	4,517	191	4,708
1989	**4,404**	**4,978**	**140**	**5,118**
ALL HOGS AND PIGS				
1965	19,612	17,039	1,886	18,925
1970	32,898	29,628	1,302	30,930
1975	46,819	43,869	5,348	49,217
1980	47,117	44,238	4,371	48,609
1985	35,987	37,782	1,147	38,929
1986	40,934	39,249	1,096	40,345
1987	43,053	42,807	728	43,535
1988	37,213	39,450	761	40,211
1989	**36,910**	**40,373**	**1,418**	**41,791**

1/ Receipts from marketings and from sales of farm slaughter.

Cash Receipts: Receipts from marketings and any sales of farm slaughtered meats. Includes allowance for feeder pig outshipments.

Value of Home Consumption: Total value of slaughter on farm and custom slaughter consumed on farms where produced.

Gross Income: Sum of cash receipts and value of home consumption.

CATTLE ON FEED, PLACEMENTS, MARKETINGS AND DISAPPEARANCE, OKLAHOMA, 1985-1989

Year and Quarter	Total Number on Feed	KINDS OF CATTLE ON FEED		PLACEMENTS	MARKETINGS	DISAPPEARANCE
		Steers and Steer Calves	Heifers and Heifer Calves	Placed on Feed Quarter Beginning	Marketed Quarter Beginning	Quarter Beginning 1/
		- Thousand Head -				
1985						
Jan 1	350	230	120	175	190	5
Apr 1	330	191	138	180	210	10
Jul 1	290	185	105	170	170	10
Oct 1	280	190	90	230	180	10
1986						
Jan 1	320	220	100	160	185	5
Apr 1	290	212	78	165	185	5
Jul 1	265	169	96	210	205	5
Oct 1	265	178	87	190	190	10
1987						
Jan 1	255	157	98	165	165	5
Apr 1	250	159	91	195	175	5
Jul 1	265	159	106	230	190	5
Oct 1	300	204	96	185	160	5
1988						
Jan 1	320	192	127	195	205	5
Apr 1	305	201	103	205	175	5
Jul 1	330	232	92	195	215	5
Oct 1	305	210	94	185	180	5
1989						
Jan 1	**305**	**202**	**103**	**205**	**190**	**5**
Apr 1	**315**	**209**	**106**	**185**	**200**	**10**
Jul 1	**290**	**189**	**101**	**205**	**190**	**10**
Oct 1	**295**	**183**	**112**	**220**	**185**	**5**

1/ Includes death losses, movement from feedlots to pastures and shipments to other feedlots for further feeding.

CATTLE ON FEED, BY DISTRICT, OKLAHOMA, JANUARY 1, 1986-1990 and Historic

District	1980	1986	1987	1988	1989	1990
	- Thousand Head -					
Panhandle	250	255	205	270	255	**271**
West Central	13	10	12	19	16	**16**
Southwest	20	12	10	4	6	**8**
North Central	16	8	8	9	9	**13**
Central	19	18	9	12	10	**5**
Northeast	10	14	9	4	8	**9**
All Others	2	3	2	2	1	**3**
STATE TOTAL	**330**	**320**	**255**	**320**	**305**	**325**

CATTLE ON FEED, BY CLASS AND WEIGHT GROUP, OKLAHOMA, 1985-1989

Year and Quarter	WEIGHT GROUPS									
	Steers and Steer Calves					Heifers and Heifer Calves				
	Under 500 lbs.	500-699 lbs.	700-899 lbs.	900-1,099 lbs.	Over 1,100 lbs.	Under 500 lbs.	500-699 lbs.	700-899 lbs.	900-1,099 lbs.	Over 1,100 lbs. 1/
	- Thousand Head -									
1985										
Jan 1	5	37	96	75	17	7	40	55	18	-
Apr 1	2	21	77	72	19	4	45	63	26	-
Jul 1	1	50	61	64	9	2	36	43	24	-
Oct 1	1	26	56	96	11	2	23	45	20	-
1986										
Jan 1	2	29	81	82	26	9	28	44	19	-
Apr 1	0	20	81	95	16	2	17	38	21	-
Jul 1	0	10	53	89	17	2	26	53	15	-
Oct 1	4	18	78	56	22	1	20	43	23	-
1987										
Jan 1	0	20	56	57	24	7	28	38	25	-
Apr 1	1	13	84	52	9	0	18	48	25	-
Jul 1	7	10	34	84	24	1	21	53	31	-
Oct 1	6	39	86	49	24	2	29	40	25	-
1988										
Jan 1	1	16	51	92	32	3	29	53	42	-
Apr 1	3	23	100	57	18	4	29	49	21	-
Jul 1	14	11	51	115	41	1	15	47	29	-
Oct 1	7	29	53	65	26	7	20	42	25	-
1989										
Jan 1	**2**	**9**	**65**	**80**	**46**	**1**	**20**	**43**	**35**	**4**
Apr 1	**0**	**11**	**89**	**95**	**14**	**2**	**24**	**58**	**21**	**1**
Jul 1	**7**	**22**	**53**	**86**	**21**	**2**	**24**	**40**	**31**	**4**
Oct 1	**4**	**29**	**70**	**59**	**21**	**4**	**30**	**43**	**33**	**2**

1/ Figures not available before January 1, 1989.

NUMBER OF LIVESTOCK FARMS, OKLAHOMA, 1986-1989 AND HISTORIC 1/

Year	Cattle	Milk Cows	Hogs	Sheep
		-Number of Farms-		
1965	84,000	22,000	14,000	2,800
1970	75,000	13,000	12,000	2,200
1975	73,000	8,000	8,000	1,600
1980	66,000	5,700	11,000	2,100
1986	64,000	4,800	6,000	2,400
1987	64,000	4,000	6,000	2,500
1988	62,000	3,800	5,800	2,700
1989	**62,000**	**3,600**	**6,200**	**2,800**

1/ A livestock operation is any place having one or more head of the species.

NUMBER OF LIVESTOCK BY CLASSES, OKLAHOMA, JANUARY 1, 1986-1990

Class	1986	1987	1988	1989	**1990**
		-Thousand Head-			
All Cows that have calved	1,950	2,050	1,900	1,950	**2,000**
Beef Cows	1,845	1,946	1,799	1,849	**1,900**
Milk Cows	105	104	101	101	**100**
Steers, Heifers, and Bulls under 500 pounds	1,360	1,325	1,200	1,195	**1,150**
Steers, 500+ pounds	1,000	930	1,030	1,105	**1,170**
Heifers, 500+ pounds	780	730	770	795	**870**
Beef Cow Replacements	280	245	225	250	**265**
Milk Cow Replacements	30	40	35	35	**30**
Other Heifers	470	445	510	510	**575**
Bulls, 500+ pounds	110	115	100	105	**110**
ALL CATTLE AND CALVES	**5,200**	**5,150**	**5,000**	**5,150**	**5,300**
Sheep and Lambs on Feed	20	25	24	16	**14**
Stock Sheep	70	80	100	120	**115**
Ewes 1 year+	55	60	78	94	**90**
Rams & Wethers 1 year+	3	3	3	5	**5**
Lambs under 1 year of age	12	17	19	21	**20**
ALL SHEEP AND LAMBS 1/	**90**	**105**	**124**	**136**	**129**
ANGORA GOATS 2/	**NA**	**NA**	**NA**	70	**65**
Breeding Hogs 3/	30	35	30	35	**40**
Market Hogs and Pigs 3/	170	185	170	205	**190**
ALL HOGS 3/	**200**	**220**	**200**	**240**	**230**

1/ Excludes new crop lambs.
2/ First estimate January 1, 1989.
3/ December 1 previous year.

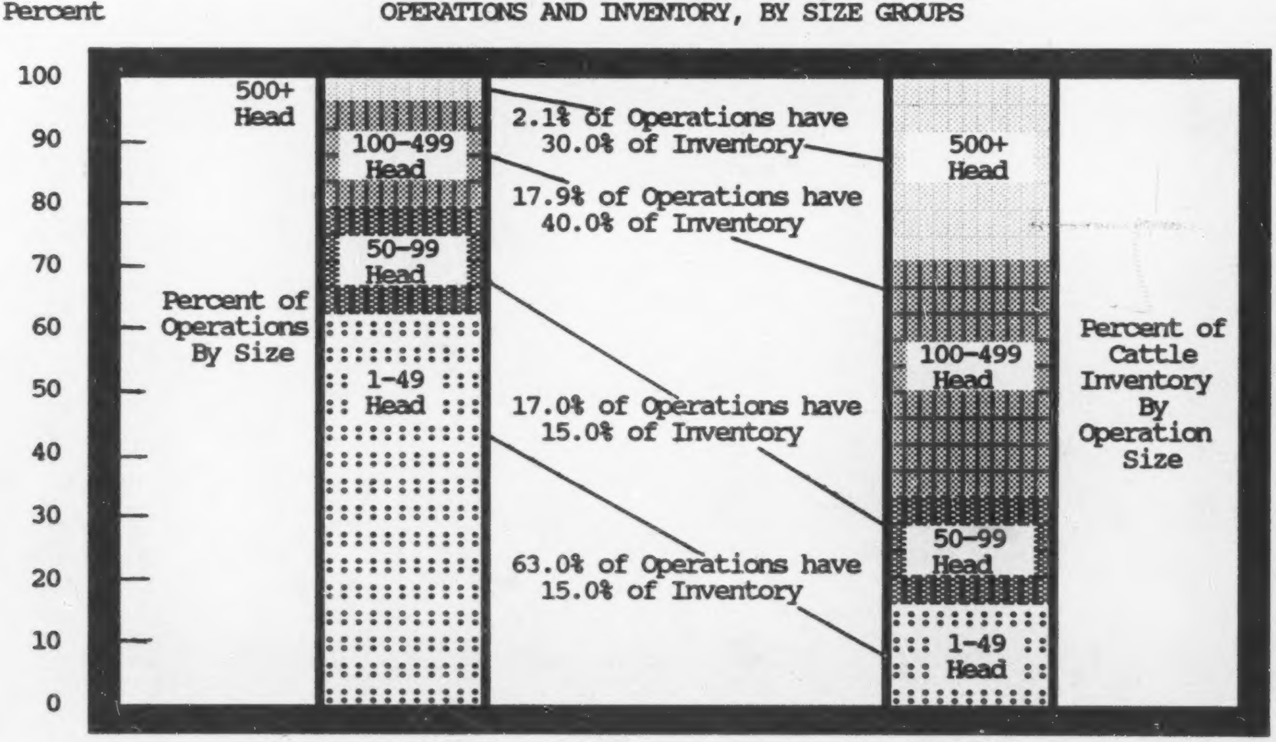
PERCENT OF CATTLE OPERATIONS BY SIZE, OKLAHOMA, 1985-1989

YEAR	Operations Having			
	1-49 Head	50-99 Head	100-499 Head	500+ Head
	- PERCENT -			
1985	63.1	16.8	18.4	1.7
1986	62.5	17.2	18.4	1.9
1987	62.5	17.2	18.4	1.9
1988	61.3	18.5	18.1	2.1
1989	**63.0**	**17.0**	**17.9**	**2.1**

PERCENT OF CATTLE INVENTORY BY SIZE OF OPERATION, OKLAHOMA, 1985-1989

YEAR	Operations Having			
	1-49 Head	50-99 Head	100-499 Head	500+ Head
	- PERCENT -			
1985	14.2	14.8	46.0	25.0
1986	14.2	14.8	44.5	26.5
1987	15.2	14.8	43.1	26.9
1988	15.0	15.3	40.4	29.3
1989	**15.0**	**15.0**	**40.0**	**30.0**

CATTLE AND CALVES, OKLAHOMA 1989, PERCENT OF OPERATIONS AND INVENTORY, BY SIZE GROUPS



LIVESTOCK SLAUGHTER IN COMMERCIAL PLANTS, OKLAHOMA, 1985-1989

Species/Year	Jan	Feb	Mar	Apr	May	Jun	Jul
	- Number of Head -						
CATTLE							
1985	50,000	37,800	43,300	43,900	49,100	45,400	50,500
1986	59,600	44,000	46,300	53,200	51,800	51,500	55,900
1987	53,000	42,000	37,500	17,300	17,900	18,600	18,200
1988	11,500	11,800	13,200	11,200	10,200	11,300	8,600
1989	**7,200**	**5,600**	**6,800**	**6,300**	**7,800**	**6,000**	**5,400**
CALVES							
1985	200	200	100	300	100	200	200
1986	200	200	200	300	200	200	300
1987	200	200	200	200	300	100	200
1988	200	200	200	300	300	200	200
1989	**300**	**200**	**300**	**200**	**300**	**200**	**200**
SHEEP AND LAMBS							
1985	400	300	600	400	200	200	300
1986	200	200	700	400	200	200	200
1987	100	200	400	200	200	200	200
1988	200	100	200	200	100	200	100
1989	**100**	**200**	**300**	**200**	**100**	**200**	**100**
HOGS							
1985	13,000	11,000	12,900	12,700	11,600	10,300	10,600
1986	11,400	10,700	12,500	12,300	10,400	10,100	9,500
1987	11,200	10,200	12,000	11,700	9,600	9,500	8,500
1988	11,000	11,400	15,200	11,700	11,600	11,600	10,900
1989	**12,300**	**11,700**	**15,000**	**11,400**	**11,900**	**11,400**	**10,000**

Species/Year	Aug	Sep	Oct	Nov	Dec	ANNUAL TOTAL 1/
	- Number of Head -					
CATTLE						
1985	51,200	48,100	57,400	49,000	50,600	576,300
1986	55,400	54,400	53,400	43,500	48,900	618,000
1987	17,800	17,700	18,800	15,600	12,700	287,100
1988	8,600	9,100	10,500	10,100	8,000	124,100
1989	**6,300**	**6,800**	**8,700**	**8,300**	**6,500**	**81,800**
CALVES						
1985	200	300	400	300	200	2,600
1986	300	300	300	300	400	3,400
1987	200	200	400	300	500	3,100
1988	200	300	200	400	400	2,900
1989	**400**	**400**	**600**	**600**	**300**	**4,000**
SHEEP AND LAMBS						
1985	300	300	400	300	300	4,100
1986	200	100	200	100	100	2,900
1987	100	200	200	200	100	2,200
1988	200	200	200	200	200	2,200
1989	**200**	**200**	**300**	**200**	**100**	**2,000**
HOGS						
1985	10,600	11,200	12,700	11,500	11,500	139,500
1986	9,500	10,800	11,600	9,900	11,200	129,900
1987	8,100	11,300	10,400	10,900	11,900	125,400
1988	12,400	13,500	13,300	14,400	12,300	149,200
1989	**12,600**	**11,900**	**12,700**	**12,600**	**11,400**	**144,900**

1/ Months may not add to totals due to rounding.

PASTURE AND RANGE CONDITION, OKLAHOMA, 1985-1989 AND AVERAGE 1/

Year	May	Jun	Jul	Aug	Sep	Oct	Nov
1985	87	90	90	80	84	81	88
1986	81	88	93	74	83	90	92
1987	80	79	90	90	83	91	87
1988	88	73	51	55	52	60	65
1989	63	82	90	91	93	94	85
Ten Yr. Average	**78**	**84**	**84**	**73**	**70**	**72**	**74**

1/ Figures relate to the condition about the first day of each month and are a percent of normal.

NUMBER OF SHEEP SHORN, WOOL PRODUCTION AND VALUE, OKLAHOMA, 1985-1989

Year	Number of Sheep Shorn	Weight per Fleece	Wool Production	Dollars per Pound	Value of Wool Sales
	Thousands	Pounds	Thousand Pounds	Dollars	Thou. Dollars
1985	85	7.6	646	.50	323
1986	95	7.4	700	.54	378
1987	100	7.0	700	.69	483
1988	110	7.0	770	1.07	824
1989	**112**	**6.7**	**752**	**1.00**	**752**

ANGORA GOAT INVENTORY, OKLAHOMA
January 1, 1989-1990

Year	Goats	Value/Head	Value of Inventory
1989	70,000	$56.00	$3,920,000
1990	**65,000**	**$55.00**	**$3,575,000**

ANGORA GOAT INVENTORY, BY DISTRICT, OKLAHOMA, JANUARY 1, 1990

District	Goats	District	Goats
Panhandle	2,000	Northeast	1,500
West Central	28,500	East Central	4,500
Southwest	11,000	Southeast	1,500
North Central	8,000		
Central	4,000		
South Central	4,000	**STATE TOTAL**	**65,000**

MOHAIR PRODUCTION AND VALUE, OKLAHOMA, 1988-1989

Year	Goats Clipped	Annual Average Clip Per Goat	Mohair Produced	Price Per lb.	Total Value
		-Pounds-	-Pounds-	-Dollars-	-Dollars-
1988	79,000	7.7	605,000	1.79	1,083,000
1989	**92,000**	**7.6**	**700,000**	**1.46**	**1,022,000**

CATFISH INVENTORIES, OKLAHOMA, 1988 - 1990

YEAR	Hatchery Units				Production Units				
	Water Acres	Brood fish	Stockers	Fry/Fingerlings	Large	Food Size	Stockers	Fingerlings	Fry
	-No.-		-Thousand Fish-						
Jul 1988	1,428	27	3,119	9,876	49	875	3,339	1/	10,720
Jan 1989	1,400	25	940	1,290	32	510	1,230	1,130	NA
Jul 1989	1,400	22	268	3,651	18	287	460	1/	4,100
Jan 1990	**1,500**	**40**	**740**	**1,810**	**15**	**380**	**710**	**1,730**	**NA**

VALUE OF SALES, OKLAHOMA, 1987 - 1989

YEAR	Hatchery Sales		Production Unit Sales		
	Stockers	Fry/Fingerling	Large Fish	Foodsize	Stockers
	-Dollars-				
1987	15,000	2/	32,000	1,311,000	3,136,000
1988	100,000	151,000	200,000	1,000,000	1,560,000
1989	**130,000**	**270,000**	**16,000**	**360,000**	**190,000**

POINT OF FIRST SALES, PERCENT OF VALUE, OKLAHOMA, 1987 - 1989

YEAR	Live Haulers	Fee Fishing	Other Producers	Government	Consumer Direct	Processors	Retailers	Other
	-Percent-							
FOOD SIZE								
1987	1	3	1	0	17	2	76	0
1988	1	18	1	0	7	34	38	1
1989	**9**	**9**	**14**	**5**	**27**	**30**	**6**	**0**
STOCKERS								
1987	1	76	3	19	NA	NA	NA	1
1988	1	56	27	14	NA	NA	NA	2
1989	**1**	**65**	**26**	**8**	**NA**	**NA**	**NA**	**0**

1/ Fingerling and Fry not estimated separately in July.
2/ Not published to avoid disclosure of individual operations.

LIVESTOCK POPULATIONS, OKLAHOMA, JANUARY 1, 1990

District And County	All Cattle And Calves	Beef Cows	All Sheep And Lambs 1/	All Hogs And Pigs 2/
PANHANDLE				
Beaver	90,000	27,000	2,700	1,800
Cimarron	135,000	25,000	800	2,800
Ellis	85,000	27,000	1,000	1,000
Harper	85,000	19,000	1,800	1,000
Texas	330,000	22,000	3,700	6,400
TOTAL	725,000	120,000	10,000	13,000
WEST CENTRAL				
Beckham	46,000	20,000	--	1,900
Blaine	105,000	26,000	1,500	1,500
Custer	106,000	21,500	3,700	2,600
Dewey	67,000	25,500	1,000	1,200
Roger Mills	75,000	28,000	--	1,400
Washita	111,000	22,000	1,400	3,400
Other Counties	--	--	900	--
TOTAL	510,000	143,000	8,500	12,000
SOUTHWEST				
Caddo	128,000	47,000	8,500	6,200
Comanche	62,000	23,500	2,000	1,000
Cotton	56,000	18,500	1,000	--
Greer	28,000	12,500	500	--
Harmon	28,500	9,000	1,000	1,600
Jackson	63,000	13,500	1,400	800
Kiowa	89,500	21,000	4,300	600
Tillman	55,000	17,000	1,300	1,200
Other Counties	--	--	--	600
TOTAL	510,000	162,000	20,000	12,000
NORTH CENTRAL				
Alfalfa	119,000	16,000	5,500	5,900
Garfield	98,000	23,500	6,300	1,200
Grant	70,000	16,500	10,500	3,600
Kay	57,000	16,500	9,000	3,000
Major	64,000	20,500	600	900
Noble	55,000	17,000	1,400	3,100
Woods	103,000	32,000	1,400	500
Woodward	69,000	28,000	800	1,800
TOTAL	635,000	170,000	35,500	20,000
CENTRAL				
Canadian	95,000	22,000	4,300	4,800
Cleveland	26,000	14,000	--	1,100
Creek	33,000	17,000	600	2,000
Grady	112,000	39,500	1,800	5,600
Kingfisher	96,000	15,000	6,500	6,400
Lincoln	57,000	28,000	900	2,500
Logan	78,000	30,500	3,500	1,400
McClain	56,000	18,000	1,000	2,000
Okfuskee	53,000	26,500	600	4,100
Oklahoma	24,000	11,000	800	1,100
Payne	53,000	23,000	2,100	3,000
Pottawatomie	45,000	21,500	--	2,700
Seminole	42,000	19,000	1,000	300
Other Counties	-	--	900	--
TOTAL	770,000	285,000	24,000	37,000

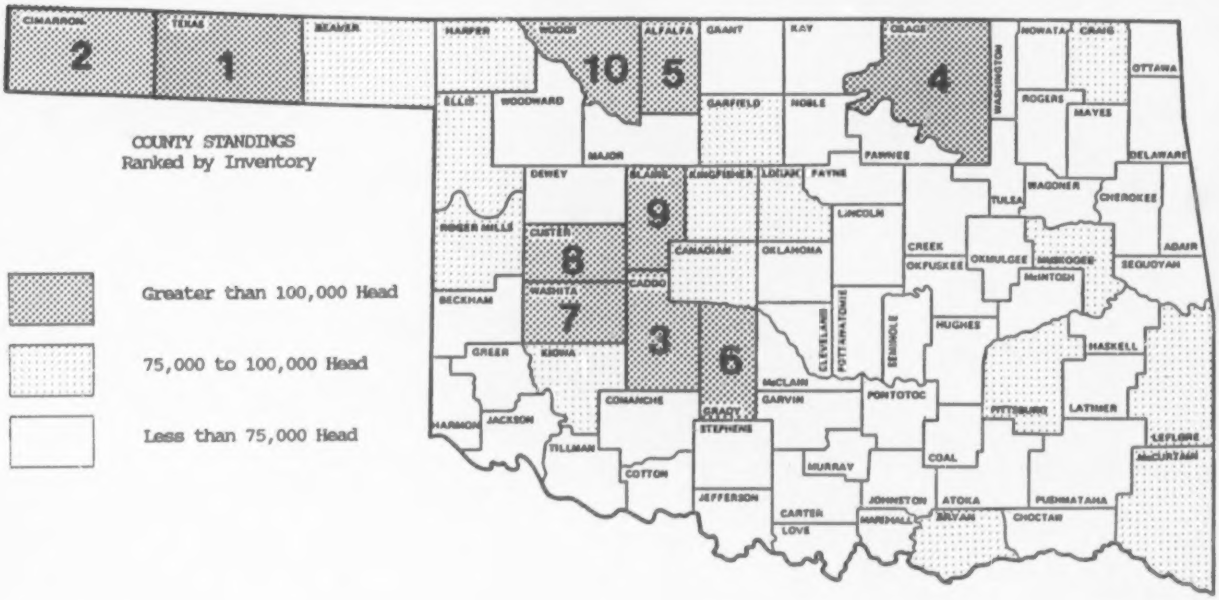
See footnotes on following page.

LIVESTOCK POPULATIONS, OKLAHOMA, JANUARY 1, 1990

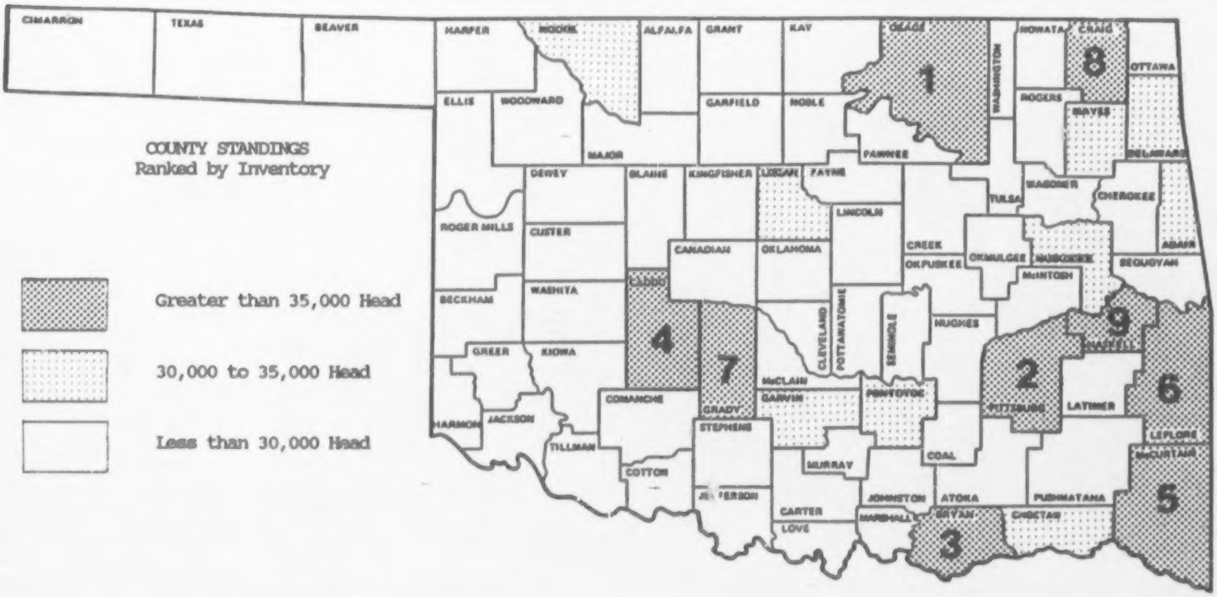
District And County	All Cattle And Calves	Beef Cows	All Sheep And Lambs 1/	All Hogs And Pigs 2/
SOUTH CENTRAL				
Atoka	56,000	26,500	--	600
Bryan	93,500	47,500	600	1,200
Carter	57,000	25,500	1,900	300
Coal	60,000	28,000	--	400
Garvin	74,000	34,500	5,500	2,200
Jefferson	74,000	24,500	3,200	400
Johnston	52,000	26,000	1,400	1,100
Love	40,000	19,500	1,400	400
Marshall	25,000	11,500	500	2,400
Murray	33,500	16,000	1,600	1,000
Pontotoc	65,000	31,000	1,100	2,800
Stephens	70,000	29,500	1,200	1,200
Other Counties	-	--	600	--
TOTAL	700,000	320,000	19,000	14,000
NORTHEAST				
Craig	90,000	38,000	1,100	2,300
Delaware	62,000	31,000	500	47,000
Mayes	68,000	31,000	500	2,500
Nowata	46,000	18,500	--	2,000
Osage	127,000	55,000	1,100	10,000
Ottawa	51,000	25,000	500	4,200
Pawnee	40,000	15,500	1,500	2,000
Rogers	54,000	23,000	--	2,200
Tulsa	19,000	10,000	--	400
Wagoner	40,000	18,000	900	3,700
Washington	38,000	15,000	600	1,700
Other Counties	-	--	800	--
TOTAL	635,000	280,000	7,500	78,000
EAST CENTRAL				
Adair	63,000	30,000	500	12,800
Cherokee	42,000	22,000	--	1,900
Haskell	74,000	36,500	1,800	800
Hughes	47,000	24,000	2,200	1,500
McIntosh	46,000	28,000	--	1,400
Muskogee	76,000	34,000	2,000	2,100
Okmulgee	44,000	23,500	--	1,500
Pittsburg	96,000	48,000	1,400	3,000
Sequoyah	27,000	14,000	800	1,000
Other Counties	-	--	800	--
TOTAL	515,000	260,000	9,500	26,000
SOUTHEAST				
Choctaw	65,000	33,000	4,000	1,700
Latimer	31,000	17,000	--	300
LeFlore	76,000	40,500	1,000	2,000
McCurtain	86,000	46,000	--	12,000
Pushmataha	42,000	23,500	2,300	2,000
Other Counties	-	--	700	--
TOTAL	300,000	160,000	8,000	18,000
STATE TOTALS	**5,300,000**	**1,900,000**	**142,000**	**230,000**

1/ Counties with less than 500 head combined in other counties. In some cases, a county with more than 500 head is combined with a smaller county to prevent disclosure. Includes new crop lambs. 2/ December 1 previous year. Counties with less than 300 head combined in other counties. In some cases, a county with more than 300 head is combined with a smaller county to prevent disclosure.

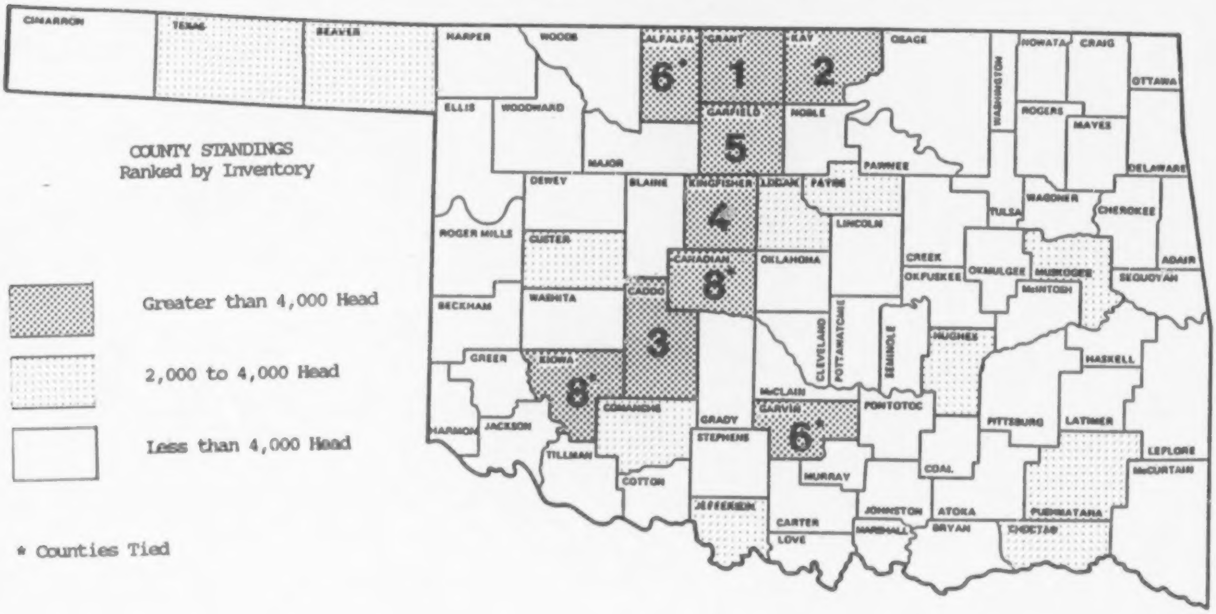
ALL CATTLE AND CALVES, OKLAHOMA, JANUARY 1, 1990



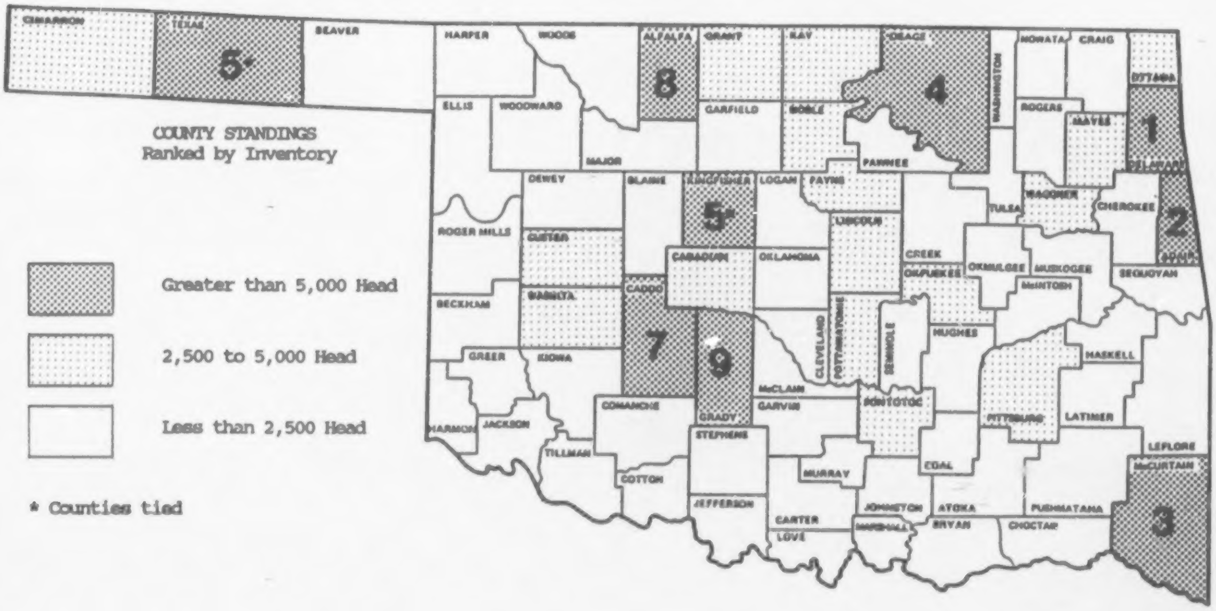
BEEF COWS, OKLAHOMA, JANUARY 1, 1990



SHEEP AND LAMBS, OKLAHOMA, JANUARY 1, 1990



HOGS AND PIGS, OKLAHOMA, DECEMBER 1, 1989



OKLAHOMA
DAIRY

OKLAHOMA
AGRICULTURAL
STATISTICS
SERVICE
Fact Finding
for Agriculture

1989 DAIRY REVIEW

The average number of milk cows in Oklahoma during 1989 was 100,000 head, 1,000 head or 1% below 1988. However, total milk production was 1.23 billion pounds, up 4 percent from 1988. The average annual output per cow was 12,320, up 637 pounds from the previous year. This increased production per cow reflects the continual upgrading of dairy herds by selective breeding and new technologies.

Total cash sales, at $168.3 million, gained 13 percent over a year earlier. However, 5% fewer farms had milk cows than 1988, with 3,600 farms in 1989.

Oklahoma's dairymen marketed 1.2 billion pounds of milk and cream during 1989, 5 percent above 1988 marketings. These marketings accounted for 98 percent of the State's milk production. The remaining production was used for household purposes and fed to calves on farms where produced.

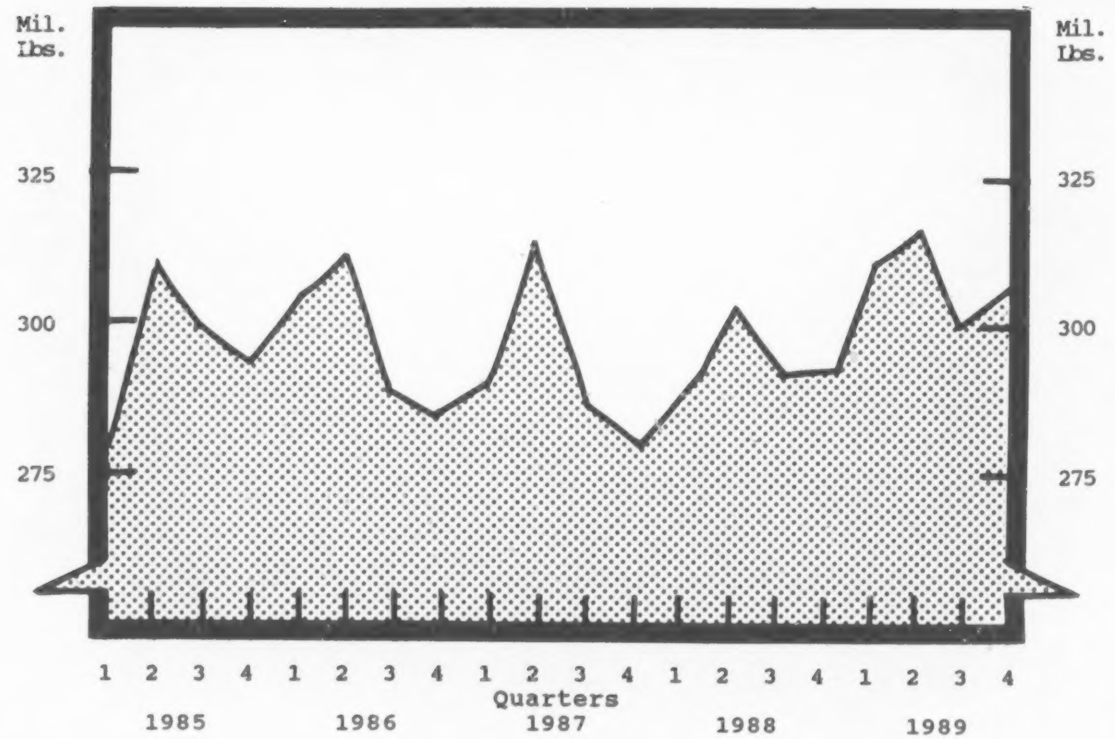
The quantity of whole milk (net whole milk equivalent) utilized in manufacturing dairy products totaled 633.5 million pounds in 1989, compared with 606.9 million pounds in 1988.

Total production of frozen dairy products dropped 3 percent from 1988 to 18.9 million gallons. Ice cream production totaled 12.6 million gallons, an increase of 3 percent from 1988. The output of ice milk decreased 15 percent and milk sherbet production decreased 4 percent.

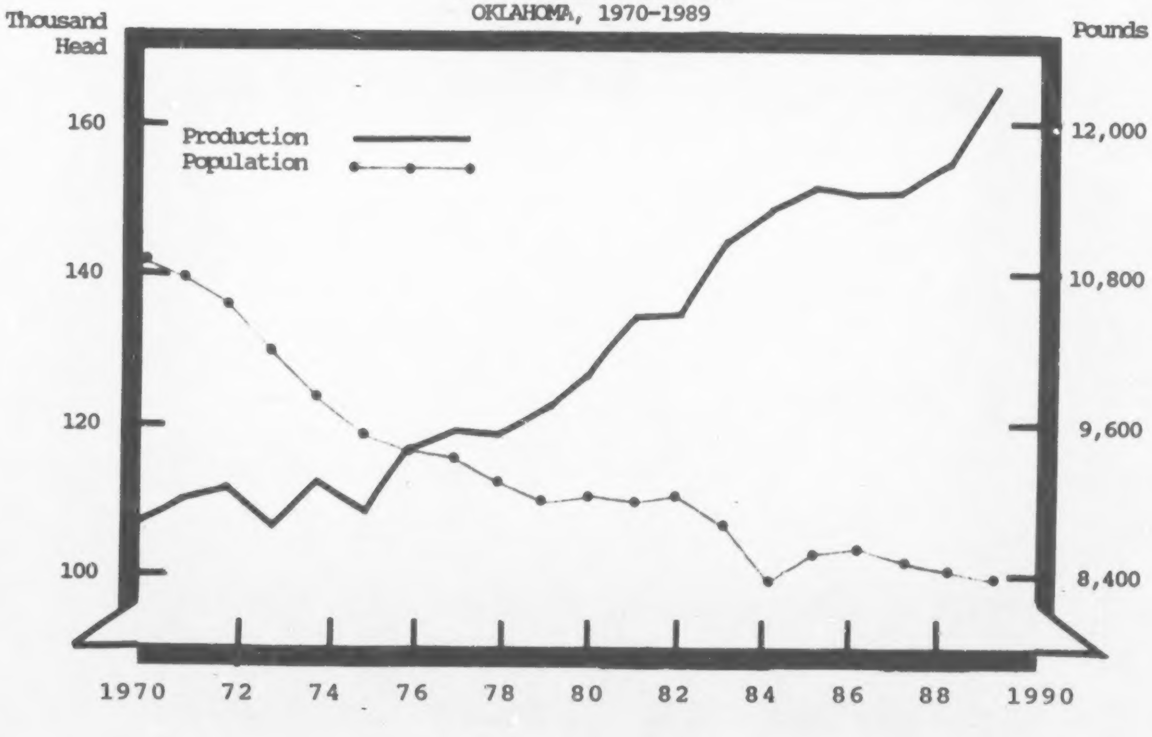
Butter production in 1989 amounted to 18.3 million pounds. This represented a 10 percent increase from the 1988 annual figures.

Production of creamed cottage cheese, at 11.7 million pounds, was 13 percent below a year earlier. Cottage cheese curd production decreased during 1989 but lowfat cottage cheese production increased.

OKLAHOMA QUARTERLY MILK PRODUCTION
1985-1989



MILK COW POPULATION
AND PRODUCTION PER COW
OKLAHOMA, 1970-1989



MILK COW NUMBERS AND MILK PRODUCTION, OKLAHOMA, 1985-1989

Quarter	1985	1986	1987	1988	1989
			Milk Cow Numbers		
			-Thousands-		
January-March	100	105	102	101	**100**
April-June	102	104	102	101	**100**
July-September	104	102	102	101	**100**
October-December	105	104	101	101	**100**
Annual Average	103	104	102	101	**100**
			Milk Production Per Cow		
			-Pounds-		
January-March	2810	2895	2843	2891	**3100**
April-June	3039	3000	3069	3000	**3160**
July-September	2875	2833	2814	2891	**3000**
October-December	2790	2740	2772	2901	**3060**
Annual Avg. 1/	11,485	11,442	11,471	11,683	**12,320**
			Total Milk Production		
			-Million Pounds-		
January-March	281	304	290	292	**310**
April-June	310	312	313	303	**316**
July-September	299	289	287	292	**300**
October-December	293	285	280	293	**306**
Annual Total	1,183	1,190	1,170	1,180	**1,232**

1/ Average per cow for year.

MILK PRODUCTION, DISPOSITION AND INCOME, OKLAHOMA, 1985-1989

Item	Unit	1985	1986	1987	1988	1989
No. of Milk Cows 1/	(000)	103	104	102	101	**100**
Production: 2/						
Milk Per Cow	(lbs.)	11,485	11,442	11,471	11,683	**12,320**
Milkfat Per Cow	(lbs.)	418	414	413	423	**450**
Percent Milkfat	(%)	3.64	3.62	3.60	3.62	**3.65**
Total Milk	(Mil. lbs.)	1,183	1,190	1,170	1,180	**1,232**
Total Milkfat	(Mil. lbs.)	43.1	43.1	42.1	42.7	**45.0**
Disposition:						
Milk Used On Farms						
Fed to Calves	(Mil. lbs.)	17	17	17	17	**17**
Consumed by Humans	(Mil. lbs.)	13	14	13	13	**13**
Milk Sold to Plants 3/		1,140	1,159	1,140	1,150	**1,202**
Price Per Cwt.	($)	13.40	13.20	13.40	12.90	**14.00**
Cash Receipts	($000)	152,760	152,988	152,760	148,350	**168,280**
Farm Consumption Value	($000)	1,763	1,848	1,742	1,677	**1,820**
Gross Producer Income 4/	($000)	158,151	154,836	154,502	150,027	**170,100**
Value of Milk Produced 5/	($000)	160,457	157,080	156,780	152,220	**172,480**

1/ Average number on farms during year.
2/ Excludes milk sucked by calves.
3/ Fluid milk constitutes approximately 96% of total milk sold. Manufacturing grade milk used for dairy products makes up the balance of 4%.
4/ Cash receipts from milk & cream marketings to plants plus value of farm consumption and sales of milk directly to consumers.
5/ Includes value of milk fed to calves.

BUTTER, ICE CREAM, AND COTTAGE CHEESE PRODUCTION, BY QUARTERS, OKLAHOMA, 1985-1989

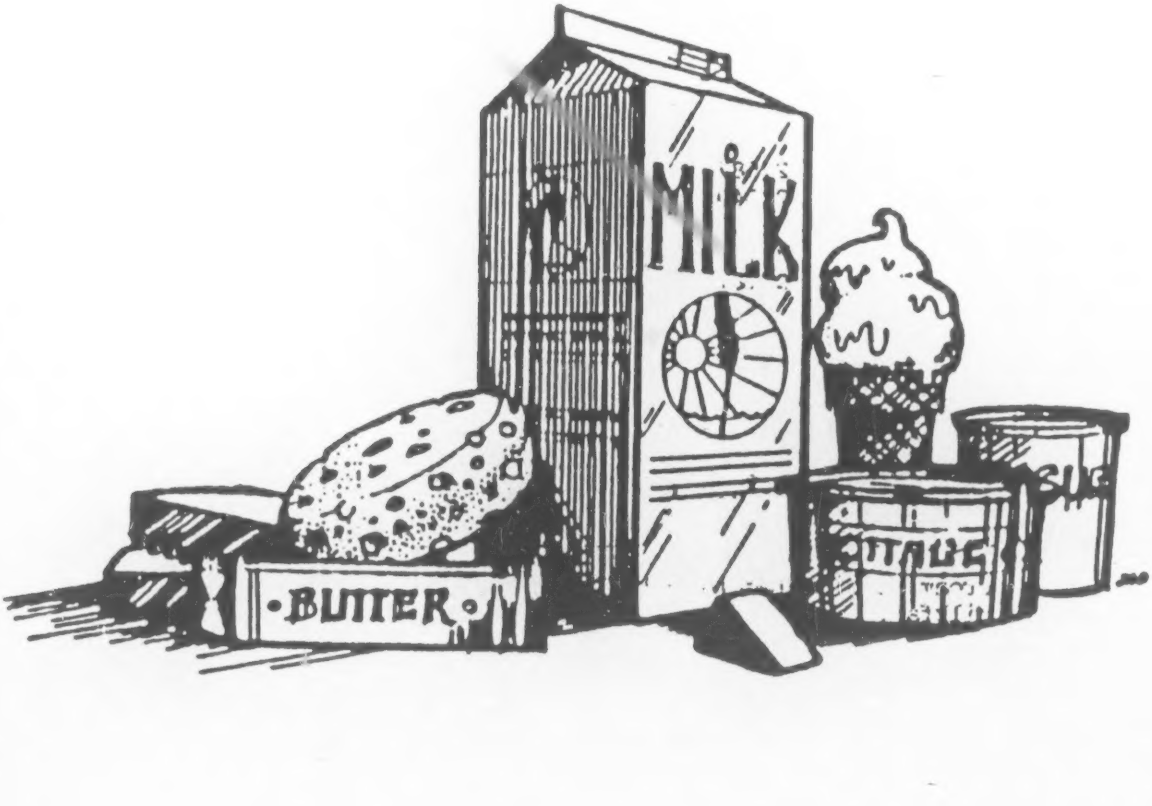
Year	Jan. - Mar.	Apr. - Jun.	Jul. - Sep.	Oct. - Dec.	Yearly Total
BUTTER PRODUCTION :					
		-Thousand Pounds-			
1985	3,181	2,297	1,747	3,138	10,363
1986	3,840	2,343	1,447	3,256	10,886
1987	4,000	3,074	2,029	4,360	13,463
1988	4,863	4,240	3,047	4,401	16,551
1989	**5,802**	**5,115**	**2,130**	**5,232**	**18,279**
ICE CREAM PRODUCTION : 1/					
		-Thousand Gallons-			
1985	2,624	3,759	3,687	2,372	12,442
1986	2,826	3,372	3,464	2,610	12,272
1987	2,715	3,919	3,715	2,538	12,887
1988	2,774	3,623	3,552	2,275	12,224
1989	**3,074**	**3,504**	**3,516**	**2,501**	**12,595**
COTTAGE CHEESE PRODUCTION :					
		-Thousand Pounds-			
Lowfat 2/					
1985	638	676	666	587	2,567
1986	695	749	839	842	3,125
1987	958	1,032	1,193	932	3,994
1988	1,102	1,220	1,376	1,460	5,158
1989	**1,659**	**1,494**	**1,482**	**1,301**	**5,936**
Creamed 3/					
1985	2,436	2,587	2,576	2,281	9,880
1986	2,438	2,549	3,189	2,938	11,114
1987	3,020	3,302	3,545	3,251	13,118
1988	3,064	3,140	3,129	3,027	13,419
1989	**2,928**	**3,081**	**3,059**	**2,670**	**11,738**
Curd					
1985	1,735	1,853	1,825	1,587	7,000
1986	1,735	1,791	2,258	2,156	7,940
1987	2,264	2,394	2,589	2,378	9,625
1988	2,583	2,628	2,718	2,489	10,418
1989	**2,660**	**2,568**	**2,577**	**2,252**	**10,057**

1/ Includes ice cream both wholesale and retail.
2/ Less than 4% milkfat.
3/ Milkfat of 4% or more.

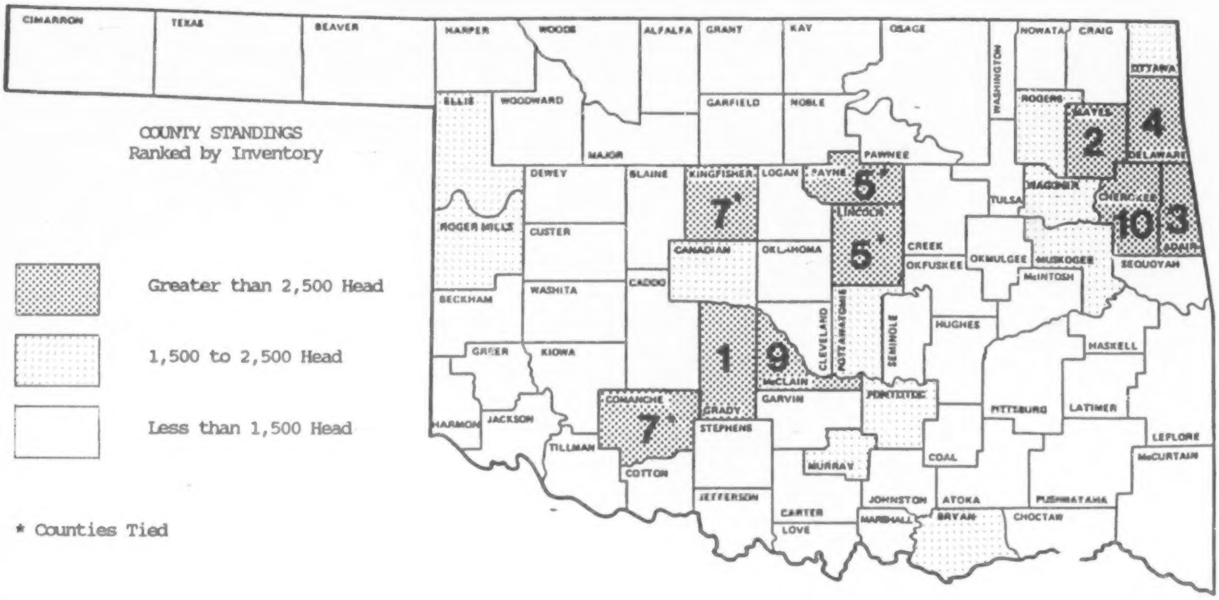
DAIRY PRODUCTS MANUFACTURED, OKLAHOMA, 1985-1989

Product	1985	1986	1987	1988	1989
	-Thousand Pounds-				
Butter, Creamery	10,363	10,886	13,463	16,551	**18,279**
Cottage Cheese 1/					
Curd	7,000	7,940	9,625	10,418	**10,057**
Creamed	9,880	11,114	13,118	13,419	**11,738**
Lowfat	2,567	3,125	3,994	5,158	**5,936**
	-Thousand Gallons-				
Frozen Products & Mixes:					
Ice Cream	12,442	12,272	12,887	12,224	**12,595**
Ice Milk	3,961	3,962	4,548	6,207	**5,298**
Sherbet (Milk)	764	726	812	923	**886**
Ice Cream Mix	6,201	6,076	8,880	6,051	**6,172**
Ice Milk Mix	1,974	1,994	2,483	2,989	**2,319**
Milk Sherbet Mix	429	453	707	571	**526**

1/ Cottage cheese is not additive. Figures for curd represent the total curd made for marketing without further processing as well as for creaming before sale. Creamed cottage cheese has 4 percent or more fat content. Lowfat cottage cheese has less than 4 percent fat content.



MILK COWS, OKLAHOMA, JANUARY 1, 1990



MILK COW INVENTORY, OKLAHOMA, JANUARY 1, 1990 1/

District and County	Milk Cow Inventory
PANHANDLE	
Beaver	1,300
Ellis	1,600
Harper	650
Other Counties	250
Total	3,800
WEST CENTRAL	
Beckham	1,100
Custer	1,300
Roger Mills	2,300
Washita	900
Other Counties	900
Total	6,500
SOUTHWEST	
Caddo	650
Comanche	2,800
Other Counties	1,150
Total	4,600
NORTH CENTRAL	
Garfield	900
Grant	600
Kay	500
Major	1,300
Noble	700
Other Counties	500
Total	4,500
CENTRAL	
Canadian	2,200
Cleveland	1,000
Creek	1,200
Grady	19,600
Kingfisher	2,800
Lincoln	3,600
Logan	900
McClain	2,700
Payne	3,600
Pottawatomie	1,600
Other Counties	800
Total	40,000
SOUTH CENTRAL	
Atoka	500
Bryan	2,000
Garvin	850
Johnston	1,450
Murray	1,700
Pontotoc	1,800
Stephens	1,100
Other Counties	600
Total	10,000
NORTHEAST	
Craig	1,000
Delaware	3,900
Mayes	4,900
Nowata	900
Osage	900
Ottawa	2,100
Rogers	1,600
Tulsa	600
Wagoner	1,600
Other Counties	500
Total	18,000
EAST CENTRAL	
Adair	4,500
Cherokee	2,600
McIntosh	850
Muskogee	2,000
Other Counties	1,050
Total	11,000
SOUTHEAST	
LeFlore	700
Other Counties	900
Total	1,600
STATE TOTAL	**100,000**

OKLAHOMA
POULTRY

OKLAHOMA
AGRICULTURAL
STATISTICS
SERVICE
Fact Finding
for Agriculture

POULTRY REVIEW - 1989

There were 4.8 million chickens (excluding broilers) on Oklahoma's farms and ranches as of December 1, 1989, 2 percent below the inventory of a year earlier. Hens and pullets of laying age accounted for 3.63 million of the total, a 9 percent decrease from a year ago. Pullets not yet of laying age numbered 1.03 million with other chickens making up the balance. The average value per bird is $2.85 as of December 1, 1989, a decline of $.30 per bird from the previous year. Thus, indicating a total inventory value of $13.7 million.

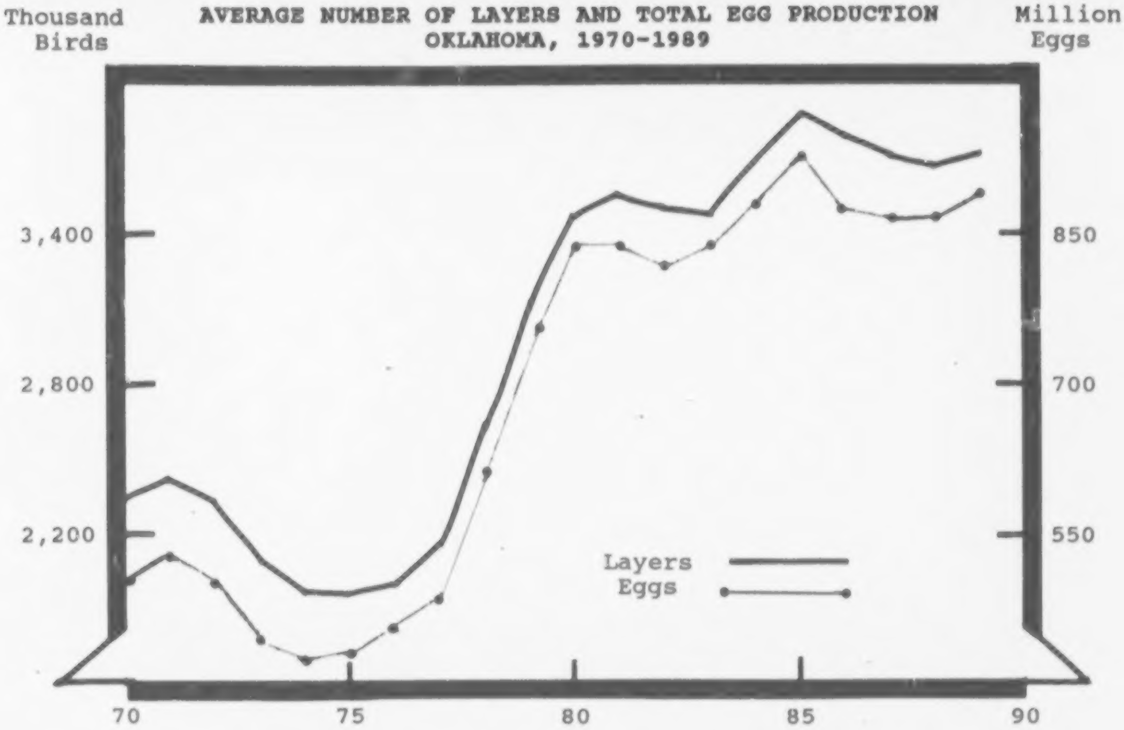
Egg production for the year ending November 30, 1989, was 885 million eggs, up 3 percent from a year earlier. The annual number of layers averaged 3.7 million hens and pullets. The average number of eggs per layer rose from 235 in 1988 to 238 for 1989.

The price per dozen eggs rose 22 percent from last year, averaging 97.2 cents per dozen. The total value of egg production amounted to $71.7 million, 26 percent over 1988.

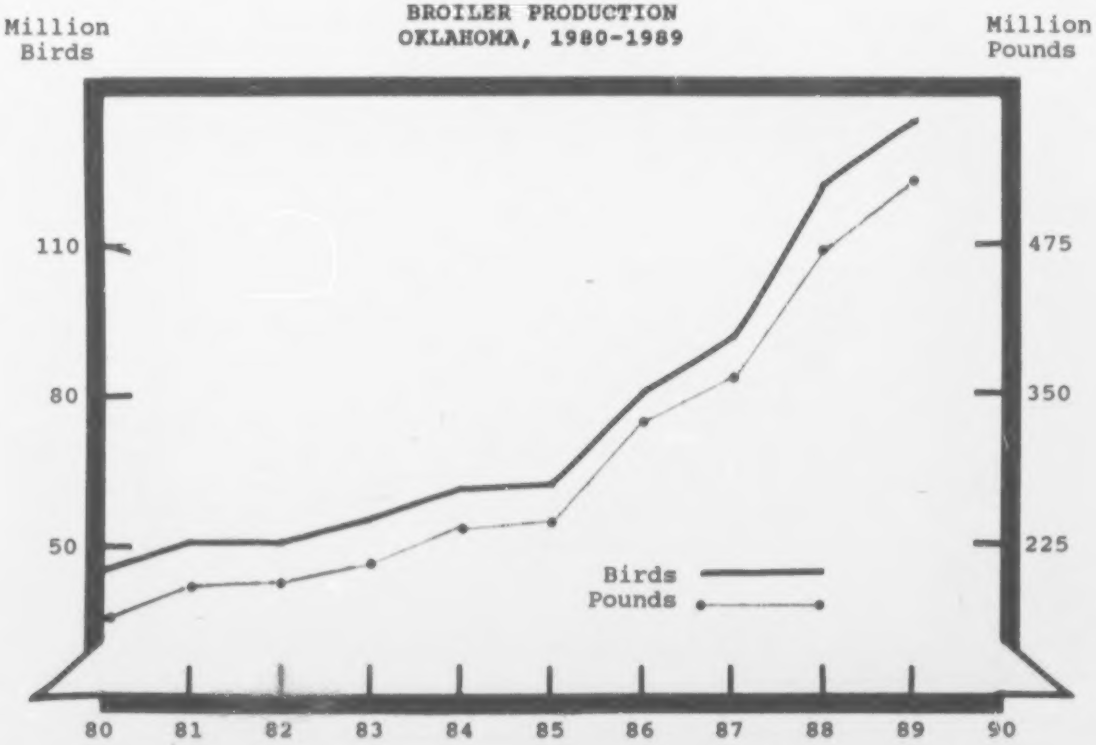
The State's broiler production, concentrated mostly in the eastern part of the State, increased 12 percent from a year earlier. In March, heavy snow collapsed the roofs of many poultry houses in eastern Oklahoma killing approximately 3 million chickens, the majority of them broilers.

The price per pound of broilers, at 37.5 cents, increased 4.5 cents from a year ago, resulting in a 27 percent increase in the dollar value of production. Oklahoma is ranked number 12 in the Nation in broiler production.

AVERAGE NUMBER OF LAYERS AND TOTAL EGG PRODUCTION
OKLAHOMA, 1970-1989



BROILER PRODUCTION
OKLAHOMA, 1980-1989



POULTRY NUMBERS BY CLASS AND VALUE, OKLAHOMA, DECEMBER 1, 1985-1989

Class	1985	1986	1987	1988	1989
	-Thousand Birds-				
Hens & Pullets- Laying Age	4,080	3,650	3,450	4,005	**3,630**
Pullets - Not of Laying Age	590	930	1,260	750	**1,030**
Other Chickens	130	170	140	145	**140**
TOTAL CHICKENS, excluding Broilers	4,800	4,750	4,850	4,900	**4,800**
Value Per Bird ($)	3.10	3.30	3.25	3.15	**2.85**
Total Value ($000)	14,880	15,675	15,763	15,435	**13,680**

CHICKEN INVENTORY NUMBERS, DISPOSITION AND CASH RECEIPTS, OKLAHOMA 1985-1989 1/

[illegible]	Beginning Inventory 2/	Lost 3/	Sold		Price Per Pound	Cash Receipts
			Number	Pounds		
	-Thousands-				Cents	($000)
1985	5,030	600	3,600	23,400	16.0	3,744
1986	4,800	500	3,300	21,780	15.1	3,289
1987	4,750	550	3,200	24,320	14.7	3,575
1988	4,850	480	3,000	21,300	13.0	2,769
1989	4,900	540	2,700	22,140	16.6	3,675
1990	**4,800**					

BROILERS: PRODUCTION AND GROSS INCOME, OKLAHOMA, 1985-1989 1/

Year	Number Produced	Pounds Produced	Price Per Pound	Gross Income
	-Thousands-		Cents	($000)
1985	61,730	240,747	30.5	73,428
1986	79,500	325,950	35.0	114,083
1987	90,600	362,400	29.0	105,096
1988	120,900	471,510	33.0	155,598
1989	**135,100**	**526,890**	**37.5**	**197,584**

1/ Marketing year is December 1 previous year to November 30 of year shown.
2/ Inventory estimates as of December 1 previous year.
3/ Lost during the year.

EGGS: PRODUCTION AND GROSS INCOME, 1985-1989 1/

Year	Produced	Price Per Dozen	Gross Income
	Million Eggs	Cents	(000) Dollars
1985	927	66.4	51,294
1986	875	84.4	61,542
1987	863	91.0	65,444
1988	863	79.4	57,102
1989	**885**	**97.2**	**71,685**

FARM CHICKENS, OKLAHOMA, DECEMBER 1, 1989 2/

District	Chickens	District	Chickens
Panhandle	10,000	South Central	1,655,000
West Central	40,000	Northeast	860,000
Southwest	20,000	East Central	1,300,000
North Central	20,000	Southeast	770,000
Central	125,000	**STATE TOTAL**	**4,800,000**

AVERAGE NUMBER OF LAYERS AND EGG PRODUCTION, OKLAHOMA, 1985-1989 3/

Quarter	1985	1986	1987	1988	1989
			Average Number of Layers -Thousand-		
December-February	4,052	4,041	3,731	3,471	3,966
March-May	3,962	3,850	3,763	3,533	3,718
June-August	3,685	3,670	3,745	3,738	3,582
September-November	3,949	3,646	3,613	3,953	3,643
Annual Average	**3,911**	**3,801**	**3,713**	**3,674**	**3,726**
			Eggs Per 100 Layers -Number-		
December-February	5,800	5,667	5,870	5,647	5,774
March-May	5,856	5,740	5,926	5,972	5,971
June-August	6,160	5,858	5,794	5,993	6,058
September-November	5,900	5,760	5,646	5,869	5,957
Annual Average Per Hen 4/	**237**	**230**	**232**	**235**	**238**
			Total Eggs Produced -Million Eggs-		
December-February	235	229	219	196	229
March-May	232	221	223	211	222
June-August	227	215	217	224	217
September-November	233	210	204	232	217
Annual Total	**927**	**875**	**863**	**863**	**885**

1/ Marketing year is December 1 previous year to December 1 of year shown.

2/ Excluding Commercial Broilers

3/ Annual period refers to December 1, of previous year and ends with November 30 of the year shown.

4/ Eggs produced during year divided by average number of layers on farms during year, expressed as eggs per layer.

OKLAHOMA AGRICULTURAL PRICES

OKLAHOMA
AGRICULTURAL
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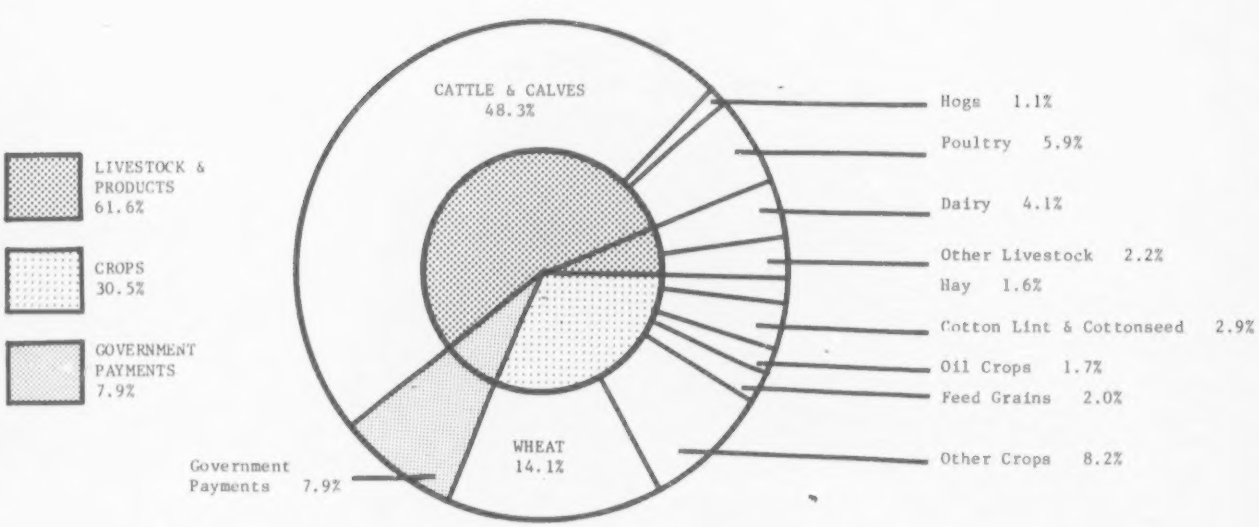
OKLAHOMA CASH RECEIPTS INCREASE IN 1989

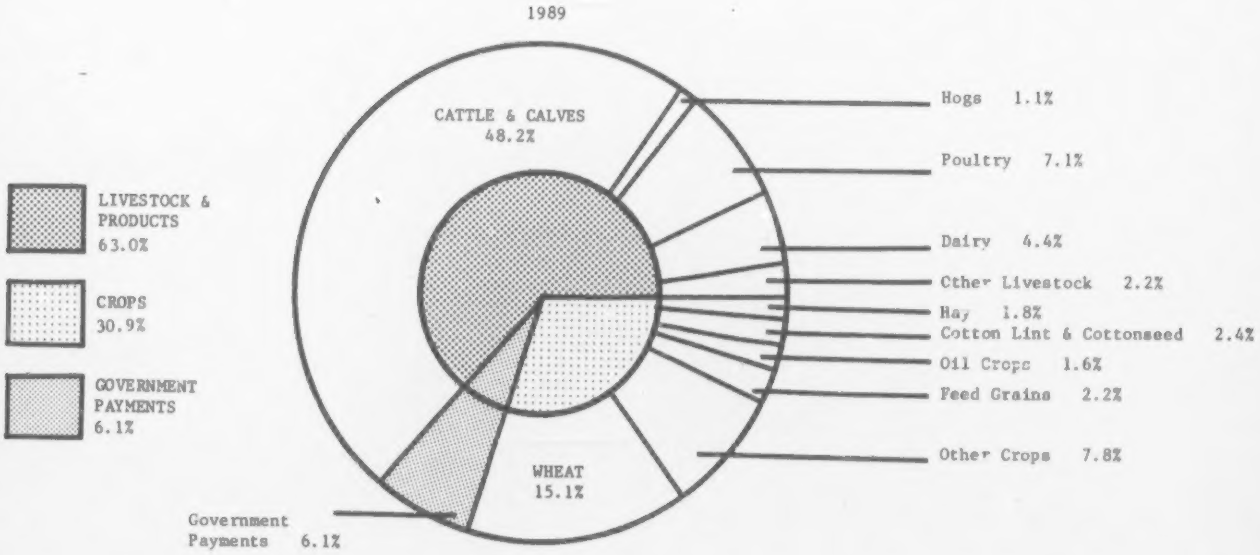
Cash receipts from farm marketings totaled $3.6 billion in 1989, an increase of 7 percent from 1988. Receipts from livestock and related products were up 7 percent to $2.4 billion, or 67 percent of total farm marketings. Crop sales also grew by 7 percent, totaling $1.2 billion in 1989.

The 1989 Index of Livestock and Livestock Products averaged 188 percent of the 1977 base year, a 10 point increase from last year. The All Beef Cattle price averaged $66.40 per cwt., up $3.20 from 1988. Steer and Heifer prices gained $1.40 over the year earlier to average $78.50; beef cows picked up $2.50, averaging $48.30; and the price for calves under 500 pounds rose $0.70 to $89.70 per cwt. for the year. Dairy herd replacements averaged $990 per head, $30 over 1988's level. Sheep prices remained steady while lamb and wool prices dropped. Hog, milk, chicken, egg, and broiler prices showed increases in 1989.

The Prices Received Index for all Crops averaged 144 percent of the 1977 base year (1977 = 100), up 6 points from the preceding year. The 1989 Oklahoma winter wheat price averaged $3.80 per bushel, up 23 cents per bushel. Food grain prices were mixed--rye was down 5 cents to $3.30 per bushel, oats was unchanged at $2.10, and barley was up 5 cents to $2.20 per bushel. Grain sorghum, at $3.75 per cwt. was down 57 cents and corn was 35 cents lower to average $2.35 per bushel. Soybeans slipped $1.85 per bushel, to average $5.30. Peanut prices gained 1.4 cents to 28.8 cents per pound for the year. Pecans gained 20 cents to 63.4 cents per pound. Alfalfa hay prices ranged from a high of $121.00 in January to a low of $84.00 in September.

CASH RECEIPTS, 1988-1989





INDEX NUMBERS OF PRICES RECEIVED BY PRODUCERS, OKLAHOMA, 1982-1989 1/

Item	1982	1983	1984	1985	1986	1987	1988	1989
ALL FARM PRODUCTS	147	145	142	134	131	144	164	172
All Crops	135	141	134	116	103	109	138	144
Winter Wheat	161	157	148	129	101	108	158	168
Feed Grains & Hay	127	136	141	109	93	108	140	123
Cotton & Cottonseed	84	109	86	82	77	99	84	101
Oil Bearing Crops	108	140	128	118	151	119	131	140
Livestock & Livestock Products	153	147	147	144	146	164	178	188
Meat Animals	158	151	150	148	149	173	190	198
Dairy Products	143	139	137	133	131	133	128	139

1/ A base year of 1977 (1977=100). Annual index based upon market year average prices.

REAL ESTATE DEBT, OKLAHOMA, DECEMBER 31, 1984-1988

Year	Federal Land Banks	FMHA	Life Insurance Companies	All Banks	Individuals & Others	CCC Loans	Total 1/
				- Million Dollars -			
1984	1,333	400	175	310	632	4	2,854
1985	1,233	410	162	307	575	2	2,690
1986	1,054	409	154	331	507	1	2,456
1987	884	406	140	330	435	0	2,195
1988	**831**	**383**	**127**	**353**	**380**	**0**	**2,074**

NON-REAL ESTATE DEBT, OKLAHOMA, DECEMBER 31, 1984-1988

Year	All Operating Banks	Production Credit Association	FICB	FMHA	Individuals & Others	CCC Crop Loans	Total 1/
				- Million Dollars -			
1984	1,266	330	104	581	398	220	2,899
1985	1,297	256	64	636	323	445	3,021
1986	1,083	122	35	626	270	206	2,342
1987	1,127	140	21	643	254	89	2,274
1988	**1,132**	**132**	**NA**	**594**	**310**	**73**	**2,241**

FARM REAL ESTATE VALUES, SELECTED STATES, 1986-1990 2/

State	Average Value per Acre of Land and Buildings				
	February 1, 1986	February 1, 1987	February 1, 1988	February 1, 1989	January 1, 1990
			-Dollars-		
Oklahoma	**520**	**475**	**480**	**523**	**513**
Kansas	415	373	413	438	473
Missouri	648	604	640	678	706
Texas	594	546	544	517	506

FARM REAL ESTATE VALUES, BY AGRICULTURAL STATISTICS DISTRICT, OKLAHOMA, 1987-1990 2/

Year	PH	WC	SW	NC	C	SC	NE	EC	SE	State
					- Dollars per Acre -					
1987	325	420	400	515	505	500	530	505	535	475
1988	330	425	435	520	515	475	535	515	505	480
1989	345	450	510	575	565	490	595	540	530	523
1990	**335**	**445**	**500**	**560**	**555**	**475**	**585**	**535**	**535**	**513**

1/ Individual figures may not equal total due to rounding.
2/ Revised figures.

CASH RENT PER ACRE FOR OKLAHOMA AND SURROUNDING STATES, 1987-1990

State	Rent per Acre				Ratio of Rent-to-Value			
	1987	1988	1989	1990	1987	1988	1989	1990
	-Dollars-				-Percent-			
CROPLAND								
Oklahoma								
(dryland)	**23.00**	**24.30**	**25.80**	**27.20**	**4.8**	**5.3**	**5.1**	**5.5**
(irrigated)	**37.20**	**33.70**	**36.10**	**42.50**	**8.3**	**6.8**	**6.8**	**6.1**
Kansas								
(dryland)	28.60	30.60	30.20	33.10	7.8	8.3	7.6	8.0
(irrigated)	59.70	54.10	62.50	61.50	10.4	9.8	10.3	9.1
Missouri	48.30	54.70	59.80	61.90	9.1	9.1	8.9	9.9
Texas								
(dryland)	19.90	20.50	22.60	20.10	2.3	2.5	3.1	2.9
(irrigated)	40.60	41.10	49.50	43.10	5.4	4.8	6.1	4.8
PASTURE								
Oklahoma	**10.20**	**10.40**	**9.50**	**9.70**	**3.0**	**3.3**	**2.8**	**3.2**
Kansas	10.80	11.80	10.80	11.50	5.5	5.5	5.2	5.2
Missouri	19.40	22.70	22.80	24.10	5.4	6.0	6.2	6.8
Texas	7.70	7.80	7.30	9.20	1.0	1.2	1.4	1.6

CROPLAND CASH RENT PER ACRE, BY AGRICULTURAL STATISTICS DISTRICT, OKLAHOMA, 1987-1990

Year	PH	WC	SW	NC	C	SC	NE	EC	SE	State
	- Dollars per Acre -									
1987	17.10	30.90	24.30	30.10	24.40	17.00	23.90	15.80	24.60	23.80
1988	16.55	28.00	26.50	29.75	29.75	17.00	27.50	16.50	25.00	24.80
1989	18.20	29.60	26.00	34.00	30.40	17.40	30.50	18.00	25.20	26.40
1990	**20.00**	**31.10**	**27.90**	**36.10**	**31.90**	**19.10**	**31.20**	**19.70**	**26.30**	**28.10**

PASTURE CASH RENT PER ACRE, BY AGRICULTURAL STATISTICS DISTRICT, OKLAHOMA, 1987-1990

Year	PH	WC	SW	NC	C	SC	NE	EC	SE	State
	- Dollars per Acre -									
1987	5.60	8.80	9.05	8.40	8.70	9.80	12.10	13.00	13.60	10.20
1988	5.60	8.30	10.00	8.50	10.10	8.80	12.00	14.00	13.50	10.40
1989	5.10	8.30	9.70	7.90	8.70	8.70	10.80	13.60	9.80	9.50
1990	**5.60**	**8.50**	**9.60**	**8.70**	**8.70**	**8.80**	**11.10**	**13.60**	**9.90**	**9.70**

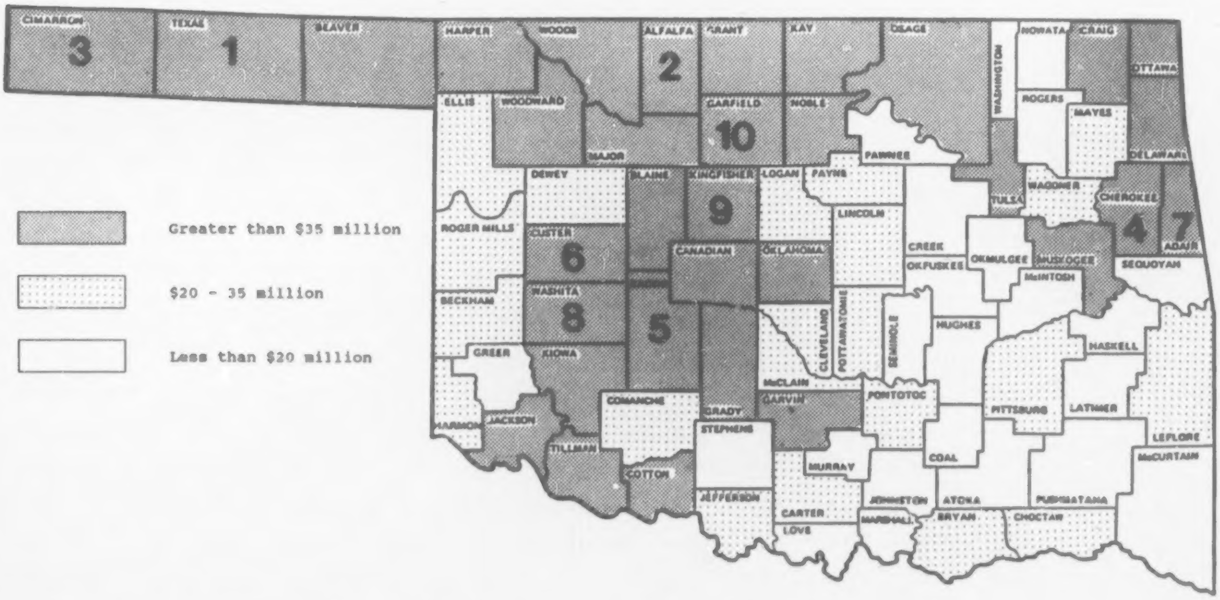
AGRICULTURAL LANDHOLDINGS OF FOREIGN OWNERS, OKLAHOMA AND U.S., DECEMBER 31, 1989

ITEM	OKLAHOMA	UNITED STATES
	-1,000 ACRES-	
Total Land Area 1/	43,939	2,265,242
Privately Owned Agricultural Land 2/	38,875	1,290,302
Foreign Owned Agricultural Land	31.4	12,875.5
Percent under Foreign Ownership(%)	0.1	1.0
	-ACRES-	
Foreign Ownership by Country:		
Canada	6,183	3,043,227
United Kingdom	645	2,721,715
West Germany	3,144	1,156,388
Netherlands Antilles	8,595	614,754
All Others	12,808	5,339,420
Total Foreign Ownership	31,375	12,875,504

1/ 1980 Land Area from Geography Division, Census Bureau.
2/ Estimate of total land less public, Indian, transportation, and urban lands. Includes forest land, pastureland, cropland, range, and miscellaneous.
3/ Figures not available.

SOURCE: Foreign Ownership of U.S. Agricultural Land Through December 31, 1989, by J. Peter DeBraal, Natural Resource Economics Division, Economic Research Service, U.S. Department of Agriculture.

CASH RECEIPTS, OKLAHOMA, 1988



SOURCE: Bureau of Economic Analysis, U.S. Department of Commerce.

MARKET YEAR AVERAGE PRICES RECEIVED FOR CROPS, OKLAHOMA, 1985-1989 AND HISTORIC 1/

Year	Winter Wheat	Oats	Barley	Rye	Corn for Grain	Soybeans	Grain Sorghum
	----Dollars	per	Bushel----				$ per cwt.
1960	1.75	.64	.73	.89	1.07	1.82	1.41
1965	1.36	.71	.93	1.00	1.29	2.32	1.82
1970	1.33	.69	.87	1.02	1.32	2.67	2.05
1975	3.43	1.66	2.19	2.05	2.63	4.44	4.21
1980	3.88	1.96	2.46	2.00	3.55	7.34	5.55
1985	2.91	1.75	2.15	2.50	2.70	4.70	3.68
1986	2.28	1.40	1.70	1.50	1.85	4.55	2.66
1987	2.46	1.75	1.55	1.75	2.20	5.60	3.04
1988	3.57	2.10	2.15	3.35	2.70	7.15	4.32
1989	**3.80**	**2.10**	**2.20**	**3.30**	**2.35**	**5.30**	**3.75**

Year	All Hay	Cottonseed	Cotton	Peanuts	Native Pecans	Improved Pecans	All Pecans
	-$ per	ton-	----Cents		per	Pound----	
1960	19.60	40.80	27.5	10.0	29.0	36.5	29.6
1965	20.50	46.00	27.1	11.2	16.0	25.0	16.6
1970	27.55	58.20	20.0	12.2	36.0	49.0	36.8
1975	46.00	89.70	47.2	19.2	32.0	55.0	33.7
1980	70.50	125.00	77.4	25.8	68.0	115.0	74.7
1985	56.00	59.50	49.3	26.3	53.0	85.0	57.8
1986	55.50	93.50	43.4	33.0	59.0	96.5	62.8
1987	63.00	77.00	58.4	25.8	38.0	79.3	41.4
1988	77.50	108.00	46.8	27.4	42.2	64.6	43.4
1989	**69.00**	**124.00**	**57.0**	**28.8**	**59.1**	**98.2**	**63.4**

1/ Market year average prices do not include an allowance for loans outstanding and government purchases; prior to 1979, these were included.

ANNUAL PRICES RECEIVED FOR LIVESTOCK PRODUCTS, OKLAHOMA, 1985-1989 AND HISTORIC

Year	Beef Cattle	Beef Cows	Steers & Heifers	Calves	Hogs
	-Dollars per Hundredweight-				
1960	18.80	14.00	21.20	22.10	14.80
1965	19.30	13.10	21.40	22.50	20.40
1970	27.30	19.60	29.50	34.40	22.60
1975	30.00	18.60	32.50	27.90	46.50
1980	62.70	44.70	68.00	74.60	37.20
1985	49.90	36.20	58.30	62.30	44.60
1986	50.50	35.90	57.30	62.10	49.70
1987	57.60	42.80	68.90	79.30	49.50
1988	63.20	45.80	77.10	89.00	41.40
1989	**66.40**	**48.30**	**78.50**	**89.70**	**42.20**

Year	All Milk Sold To Plants			Sheep	Lambs	Wool
	All Milk	Fluid	Mfg Grade			
	-Dollars per Hundredweight-					Cents/Lb
1960	4.60	4.81	3.35	6.60	18.40	35
1965	4.64	4.80	3.42	5.90	22.80	40
1970	6.13	6.30	4.60	6.10	26.00	30
1975	9.10	9.30	7.30	7.30	39.30	36
1980	13.60	13.90	11.80	15.00	62.00	75
1985	13.40	13.60	11.30	20.00	65.90	50
1986	13.20	13.40	10.70	21.40	67.60	54
1987	13.40	13.60	10.70	22.50	76.10	69
1988	12.90	13.00	10.50	21.10	66.90	107
1989	**14.00**	**14.10**	**11.40**	**21.10**	**65.30**	**100**

Year	Milk Cows	Chickens (Excl Broilers)	Broilers	Turkeys	Eggs
	$ per Head	-Cents per Pound-			Cents/Doz.
1960	195	9.1	16.3	24.1	30.6
1965	180	8.2	14.1	20.7	30.7
1970	265	8.0	13.6	22.6	38.3
1975	358	9.2	26.0	32.0	53.7
1980	1,260	17.5	27.5	41.0	62.5
1985	870	16.0	30.5	49.3 1/	66.4
1986	820	15.1	35.0	51.6 1/	84.4
1987	930	14.7	29.0	41.4 1/	91.0
1988	960	13.0	33.0	45.9 1/	79.4
1989	**990**	**16.6**	**37.5**	**45.1 1/**	**97.2**

1/ Oklahoma, Colorado, Texas, and Wisconsin combined to avoid disclosing individual operations.

MONTHLY PRICES RECEIVED, OKLAHOMA, 1986-1989 AND HISTORIC

Commodity & Year	Jan	Feb	Mar	Apr	May	Jun
	-Dollars per Hundredweight-					
BEEF CATTLE						
1960	19.20	20.10	21.00	20.90	20.20	19.30
1970	26.40	27.60	28.80	29.30	28.10	27.90
1975	24.50	24.00	24.50	29.50	31.70	32.90
1980	65.60	69.30	66.40	61.00	61.80	62.50
1986	51.20	51.50	51.50	48.80	48.30	48.50
1987	55.30	57.70	59.30	56.00	54.90	55.20
1988	65.60	65.70	65.40	67.70	64.00	56.50
1989	**68.30**	**71.50**	**68.10**	**64.00**	**63.80**	**64.40**
BEEF COWS						
1960	14.50	14.80	15.90	15.20	14.90	14.50
1970	19.40	20.50	21.50	21.60	20.50	20.20
1975	15.60	16.50	16.80	19.50	21.60	19.70
1980	50.80	53.50	48.00	45.70	44.40	43.00
1986	35.80	37.70	37.20	33.90	35.00	36.60
1987	38.60	41.30	42.90	42.90	42.00	42.70
1988	45.60	49.00	49.40	50.20	47.20	42.30
1989	**46.80**	**50.30**	**50.00**	**49.10**	**47.60**	**47.80**
STEERS AND HEIFERS						
1960	21.70	22.50	23.30	23.30	22.60	21.60
1970	28.70	29.70	30.80	31.20	30.00	29.90
1975	26.70	26.00	26.40	31.70	33.60	35.20
1980	71.90	73.30	70.80	63.70	64.30	66.80
1986	60.60	57.50	56.40	53.80	53.20	53.00
1987	60.80	64.60	66.30	67.40	66.20	68.20
1988	78.50	79.90	78.20	78.00	75.20	70.40
1989	**80.80**	**80.00**	**78.30**	**75.10**	**74.20**	**78.00**
CALVES						
1960	23.20	24.00	24.40	24.60	24.20	23.50
1970	33.70	35.50	36.50	36.00	35.50	34.70
1975	22.70	23.00	22.80	27.40	30.40	30.00
1980	84.90	90.00	81.40	74.00	72.00	73.20
1986	61.00	63.50	61.90	60.40	55.90	56.80
1987	65.50	71.40	71.50	72.40	73.40	74.10
1988	84.90	91.50	93.40	94.50	90.30	80.80
1989	**93.00**	**94.30**	**95.60**	**90.20**	**88.90**	**91.60**

MONTHLY PRICES RECEIVED, OKLAHOMA, 1986-1989 AND HISTORIC

Commodity & Year	Jul	Aug	Sep	Oct	Nov	Dec
	-Dollars per Hundredweight-					
BEEF CATTLE						
1960	18.60	17.70	17.60	17.10	17.80	19.00
1970	27.90	26.80	26.80	27.00	25.80	25.90
1975	33.10	31.30	31.00	30.90	31.40	33.90
1980	58.80	64.30	60.80	59.10	59.90	60.30
1986	50.80	51.40	51.30	50.60	51.30	51.00
1987	56.10	58.80	62.90	59.40	58.30	57.50
1988	59.90	63.70	62.70	62.90	62.50	62.90
1989	**67.90**	**67.50**	**66.60**	**66.30**	**64.70**	**65.30**
BEEF COWS						
1960	14.00	13.20	13.30	12.70	13.30	13.70
1970	19.30	18.90	19.10	19.10	18.30	18.50
1975	19.80	18.80	18.50	18.20	18.80	21.00
1980	41.00	42.00	42.50	42.50	41.80	42.00
1986	36.20	35.50	36.60	35.90	34.90	35.90
1987	43.00	42.90	45.00	43.70	42.90	44.60
1988	44.10	46.10	45.60	43.50	44.20	46.10
1989	**48.50**	**49.30**	**49.40**	**46.50**	**46.70**	**49.00**
STEERS AND HEIFERS						
1960	20.80	19.80	19.80	19.50	20.50	22.00
1970	30.20	28.90	29.00	29.40	28.00	28.20
1975	35.60	33.40	33.80	33.90	34.30	36.50
1980	66.60	69.40	68.80	66.20	66.60	66.70
1986	56.70	58.80	59.40	58.90	60.30	60.00
1987	70.00	74.60	77.60	73.00	73.50	73.00
1988	72.50	78.50	76.90	78.30	79.10	79.30
1989	**80.10**	**80.70**	**78.80**	**78.10**	**78.70**	**79.60**
CALVES						
1960	22.50	20.90	20.50	20.50	21.50	22.60
1970	33.60	33.00	34.50	34.50	34.00	34.30
1975	28.70	28.20	29.10	26.80	30.40	34.10
1980	68.40	71.90	70.90	70.80	69.90	69.90
1986	59.70	63.20	65.20	63.50	61.50	62.00
1987	78.60	82.20	86.40	83.20	84.80	83.10
1988	89.10	91.00	89.10	86.70	89.00	89.50
1989	**92.30**	**92.30**	**89.40**	**86.10**	**85.40**	**86.50**

MONTHLY PRICES RECEIVED, OKLAHOMA, 1986-1989 AND HISTORIC

Commodity & Year	Jan	Feb	Mar	Apr	May	Jun
			-Dollars per Bushel-			
WINTER WHEAT						
1960	1.83	1.87	1.92	1.91	1.81	1.68
1970	1.29	1.29	1.28	1.29	1.24	1.20
1975	4.00	3.76	3.41	3.41	3.11	2.87
1980	3.98	3.88	3.62	3.39	3.63	3.57
1986	2.97	2.91	2.94	2.97	2.45	2.25
1987	2.35	2.43	2.46	2.48	2.54	2.30
1988	2.76	2.85	2.73	2.71	2.83	3.35
1989	**3.98**	**4.02**	**4.11**	**4.11**	**3.99**	**3.87**
		-Dollars per Hundredweight-				
GRAIN SORGHUM						
1960	1.56	1.58	1.59	1.61	1.58	1.56
1970	1.96	1.97	1.95	1.93	1.89	1.88
1975	5.04	4.42	4.22	4.31	4.30	4.30
1980	3.99	3.91	4.21	3.94	4.07	4.25
1986	3.82	3.83	3.78	3.94	3.74	3.72
1987	2.53	2.50	2.69	2.57	2.61	2.87
1988	2.93	3.00	3.05	3.02	3.00	4.63
1989	**4.31**	**4.20**	**4.30**	**4.19**	**4.25**	**4.16**
FLUID GRADE MILK SOLD TO PLANTS						
1960	5.00	4.95	5.00	4.65	4.60	4.65
1970	6.55	6.40	6.25	6.05	6.00	6.05
1975	9.10	9.15	8.90	8.65	8.50	8.55
1980	14.00	14.00	13.50	13.60	13.60	13.60
1986	13.50	13.00	12.90	12.50	12.70	12.90
1987	14.20	14.20	13.60	12.90	12.70	12.90
1988	14.10	13.60	13.10	12.20	12.20	12.40
1989	**14.20**	**13.80**	**12.70**	**12.70**	**12.80**	**13.00**
MANUFACTURING GRADE MILK SOLD TO PLANTS						
1960	3.55	3.50	3.50	3.20	3.20	3.20
1970	4.75	4.65	4.65	4.60	4.50	4.55
1975	7.10	7.05	7.00	6.85	6.85	6.90
1980	11.60	11.60	11.40	11.50	11.40	11.40
1986	11.20	11.00	10.50	10.20	10.30	10.30
1987	11.10	11.00	10.70	10.50	10.50	10.50
1988	10.70	10.60	10.30	10.10	9.90	9.90
1989	**11.30**	**11.00**	**10.50**	**10.20**	**10.40**	**10.60**

MONTHLY PRICES RECEIVED, OKLAHOMA, 1986-1989 AND HISTORIC

Commodity & Year	Jul	Aug	Sep	Oct	Nov	Dec
-Dollars per Bushel-						
WINTER WHEAT						
1960	1.69	1.72	1.78	1.78	1.79	1.80
1970	1.21	1.27	1.41	1.41	1.43	1.42
1975	3.39	3.73	3.85	3.78	3.39	3.22
1980	3.77	3.86	4.03	4.22	4.44	4.16
1986	2.14	2.13	2.16	2.20	2.26	2.28
1987	2.21	2.26	2.40	2.48	2.56	2.73
1988	3.41	3.42	3.61	3.71	3.71	3.84
1989	**3.82**	**3.75**	**3.74**	**3.74**	**3.82**	**3.87**
-Dollars per Hundredweight-						
GRAIN SORGHUM						
1960	1.57	1.49	1.40	1.38	1.38	1.40
1970	1.87	1.91	1.99	2.05	2.00	2.03
1975	4.36	4.73	4.48	4.47	4.09	4.06
1980	5.05	5.15	5.35	5.67	5.75	5.73
1986	3.65	3.37	2.75	2.92	2.61	2.61
1987	2.90	2.81	2.74	2.84	2.94	2.90
1988	4.83	4.56	4.83	4.58	4.36	4.23
1989	**4.24**	**3.92**	**3.84**	**3.74**	**3.70**	**3.67**
FLUID GRADE MILK SOLD TO PLANTS						
1960	4.55	4.60	4.80	4.90	4.95	5.15
1970	6.10	6.15	6.45	6.60	6.65	6.60
1975	8.70	9.15	9.85	10.20	10.50	10.70
1980	13.30	13.10	14.10	14.50	14.80	15.00
1986	13.30	13.40	13.90	14.50	14.60	14.50
1987	13.10	13.50	13.80	14.40	14.10	14.00
1988	12.40	12.60	13.10	13.50	13.80	13.90
1989	**13.20**	**13.80**	**14.70**	**15.30**	**16.00**	**16.50**
MANUFACTURING GRADE MILK SOLD TO PLANTS						
1960	3.20	3.20	3.35	3.55	3.60	3.55
1970	4.50	4.45	4.55	4.70	4.75	4.65
1975	6.90	7.25	7.65	8.15	8.40	8.65
1980	11.40	11.40	11.80	12.40	12.90	13.10
1986	10.30	10.70	10.80	11.10	11.40	11.30
1987	10.40	10.50	10.80	10.90	10.90	10.80
1988	10.00	10.20	10.70	11.80	11.50	11.50
1989	**10.90**	**11.30**	**12.00**	**12.70**	**13.20**	**13.50**

MONTHLY PRICES RECEIVED, OKLAHOMA, 1986-1989 AND HISTORIC

Commodity & Year	Jan	Feb	Mar	Apr	May	Jun
	-Dollars	per	Ton	(Baled)-		
ALFALFA HAY						
1960	25.80	27.00	31.00	28.80	22.40	21.30
1970	35.00	34.50	32.50	32.00	27.00	25.00
1975	66.50	67.50	68.50	66.00	53.00	47.50
1980	73.00	73.50	72.00	68.00	52.00	57.00
1986	69.00	66.00	60.00	62.00	61.00	61.00
1987	67.00	68.00	71.00	69.00	75.00	73.00
1988	94.00	90.00	90.00	73.00	75.00	86.00
1989	**121.00**	**112.00**	**111.00**	**106.00**	**102.00**	**92.00**
ALL OTHER HAY						
1960	16.80	17.60	21.50	20.10	17.50	15.10
1970	23.00	22.00	23.00	20.00	17.50	17.50
1975	44.50	46.00	49.50	47.50	37.50	40.00
1980	47.50	47.50	48.00	48.00	45.50	42.50
1986	56.00	49.00	53.00	47.00	50.00	43.00
1987	46.00	52.00	51.00	45.00	56.00	53.00
1988	51.00	53.00	51.00	52.00	66.00	63.00
1989	**77.00**	**72.00**	**77.00**	**73.00**	**75.00**	**62.00**
ALL HAY						
1960	20.20	21.30	24.90	23.50	19.20	17.60
1970	29.00	28.50	27.50	26.50	22.50	21.50
1975	55.50	56.50	59.00	57.00	45.50	44.00
1980	58.50	58.50	58.50	56.50	48.50	48.50
1986	60.00	55.00	55.00	52.00	54.00	49.00
1987	53.00	57.00	58.00	53.00	62.00	60.00
1988	66.00	66.00	65.00	59.00	69.00	71.00
1989	**91.00**	**84.00**	**88.00**	**83.00**	**77.00**	**72.00**

MONTHLY PRICES RECEIVED, OKLAHOMA, 1986-1989 AND HISTORIC

Commodity & Year	Jul	Aug	Sep	Oct	Nov	Dec
	-Dollars per Ton (Baled)-					
ALFALFA HAY						
1960	22.10	23.00	23.80	24.00	25.30	26.00
1970	27.00	32.00	37.00	38.00	38.00	39.50
1975	47.50	48.00	51.50	52.00	57.00	60.50
1980	68.00	84.50	94.00	107.00	111.00	123.00
1986	61.00	66.00	63.00	71.00	75.00	75.00
1987	76.00	75.00	79.00	84.00	90.00	86.00
1988	107.00	121.00	110.00	104.00	117.00	100.00
1989	**91.00**	**85.00**	**84.00**	**92.00**	**90.00**	**90.00**
ALL OTHER HAY						
1960	15.90	16.00	16.50	17.50	17.50	18.50
1970	19.50	23.00	23.00	23.00	24.50	26.50
1975	35.00	35.00	37.50	39.00	40.50	39.50
1980	47.00	52.50	59.00	65.00	68.50	64.00
1986	46.00	51.00	52.00	52.00	54.00	53.00
1987	51.00	54.00	53.00	49.00	60.00	51.00
1988	54.00	68.00	72.00	74.00	75.00	71.00
1989	**53.00**	**53.00**	**50.00**	**54.00**	**56.00**	**51.00**
ALL HAY						
1960	18.20	18.60	19.40	19.90	20.60	21.10
1970	23.00	27.50	30.00	30.50	31.00	33.00
1975	41.50	41.50	44.50	45.50	49.00	50.00
1980	56.00	66.00	74.00	82.00	86.00	89.50
1986	51.00	56.00	56.00	58.00	61.00	60.00
1987	61.00	61.00	62.00	62.00	71.00	63.00
1988	70.00	84.00	84.00	83.00	88.00	80.00
1989	**69.00**	**63.00**	**61.00**	**66.00**	**67.00**	**63.00**

AVERAGE PRICES PAID FOR FEED, OKLAHOMA, 1987-1989 AND HISTORIC 1/

Feed and Year	Jan	Apr	Jul	Oct
	-Dollars per Hundredweight-			
BEEF CATTLE CONCENTRATE 2/				
1960	—	4.15	4.05	—
1970	—	—	4.45	—
1980	11.00	10.00	10.50	11.00
1987	11.00	11.00	10.90	10.25
1988	11.50	12.10	13.45	12.55
1989	**14.00**	**13.55**	**12.55**	**12.55**
BRAN				
1960	2.40	2.60	2.25	2.25
1970	3.40	3.20	3.15	3.45
1980	8.30	8.50	8.40	9.60
1987	9.00	9.00	8.70	9.50
1988	9.80	10.00	10.60	10.80
1989	**10.90**	**11.10**	**10.70**	**10.80**
CORN MEAL				
1960	2.90	2.90	2.95	2.85
1970	3.35	3.40	3.40	3.60
1980	7.60	7.70	7.90	8.70
1987	7.00	6.60	7.10	6.50
1988	7.20	7.60	9.10	8.50
1989	**9.20**	**8.60**	**8.30**	**8.00**
COTTONSEED MEAL (41% protein)				
1960	3.90	3.80	3.70	3.65
1970	4.90	4.80	4.80	5.10
1980	12.50	11.40	11.50	14.00
1987	11.30	11.00	11.30	11.50
1988	13.10	12.20	14.40	13.40
1989	**14.00**	**14.00**	**12.90**	**13.40**
MIDDLINGS AND GRAY SHORTS				
1960	2.50	2.70	2.45	2.35
1970	3.40	3.25	3.15	3.50
1980	8.50	8.50	8.10	8.70
1987	8.30	7.10	7.80	7.50
1988	9.40	9.60	9.20	10.20
1989	**9.80**	**10.10**	**9.20**	**10.10**
SOYBEAN MEAL (44% protein)				
1960	4.00	4.00	3.85	3.75
1970	5.50	5.40	5.40	5.60
1980	13.00	12.50	11.50	15.00
1987	11.80	12.50	13.30	13.60
1988	15.00	14.80	18.70	17.00
1989	**18.00**	**16.90**	**16.90**	**15.10**

1/ Beginning with April 1986, price represents the Southern Plains Region (Oklahoma and Texas).

2/ Prior to 1976, Protein Percent was 30 and over. Beginning in 1976 Protein Percent was 32 to 36.

FARM PRODUCTION EXPENSES, OKLAHOMA, 1984-1988 1/

ITEM	1984	1985	1986	1987 2/	1988 2/
			-Million Dollars-		
TOTAL DOLLARS:					
Feed	388.4	353.9	339.4	349.0	451.8
Livestock	346.4	364.9	394.7	501.4	719.8
Seed	38.0	36.9	32.9	33.1	34.6
Fertilizer and Lime	113.5	111.5	88.2	89.5	112.1
Repairs & Maintenance	154.1	150.1	150.7	151.6	161.8
Fuel	164.2	151.3	110.1	102.1	104.4
Pesticides	34.6	36.2	32.5	33.3	34.2
Electricity	29.1	28.9	26.1	32.1	34.5
Miscellaneous	294.3	283.6	261.1	288.0	313.6
Hired Labor	112.3	113.1	114.1	124.8	129.2
Interest on Non-Real Estate	326.0	265.9	237.0	215.6	222.9
TOTAL OPERATING EXPENSES	2,000.7	1,896.3	1,786.8	1,919.0	2,322.6
Depreciation	484.9	414.9	387.5	335.3	359.8
Interest on Real Estate	267.7	243.8	225.4	207.4	195.1
Taxes on Farm Property	77.2	76.1	75.3	74.5	75.8
Net Rent to Non-Farm Landlords	91.6	69.9	76.9	80.4	114.3
TOTAL PRODUCTION EXPENSES	2,922.0	2,700.9	2,551.7	2,616.7	3,067.6
AVERAGE DOLLARS PER FARM:			-Dollars-		
Feed	5,321	4,985	4,780	4,957	6,594
Livestock	4,745	5,139	5,559	7,163	10,433
Seed	521	520	463	473	501
Fertilizer and Lime	1,555	1,570	1,242	1,287	1,623
Repairs & Maintenance	2,111	2,114	2,123	2,166	2,345
Fuel & Oil	2,249	2,131	1,551	1,459	1,513
Pesticides	474	510	458	476	496
Electricity	399	407	368	459	500
Miscellaneous	4,032	3,994	3,679	4,116	4,555
Hired Labor	1,538	1,593	1,606	1,780	1,869
Interest on Non-Real Estate	4,466	3,745	3,338	3,080	3,230
TOTAL OPERATING EXPENSES	27,411	26,708	25,166	27,414	33,661
Depreciation	6,642	5,844	5,458	4,787	5,214
Interest on Real Estate	3,667	3,434	3,175	2,962	2,828
Taxes on Farm Property	1,058	1,072	1,061	1,064	1,099
Net Rent to Non-Farm Landlords	1,255	985	1,083	1,149	1,657
TOTAL PRODUCTION EXPENSES	40,027	38,041	35,942	37,377	44,458

1/ Individual figures may not add to total due to rounding.
2/ Revised.
3/ Preliminary figures.

CASH RECEIPTS FROM FARM MARKETINGS BY PRINCIPAL COMMODITIES, OKLAHOMA, 1985-1989 1/

Commodity	1985	1986	1987	1988	1989 2/
	-Thousand Dollars-				
CROPS					
Winter Wheat	591,253	303,881	315,245	513,953	**579,861**
Cotton Lint	51,460	59,331	65,052	93,579	**82,536**
Cottonseed	6,042	6,577	9,930	11,342	**9,138**
Peanuts	44,968	59,677	57,915	61,661	**63,161**
Hay	72,914	52,241	55,648	59,278	**67,590**
Soybeans	21,906	19,832	24,166	30,977	**30,985**
Grain Sorghum	42,183	29,814	31,015	28,150	**34,358**
Corn for Grain	10,097	11,344	6,959	7,870	**13,523**
Barley	2,185	1,323	897	1,274	**1,394**
Oats	1,997	2,070	1,747	3,485	**1,833**
Rye	1,238	784	449	1,657	**1,238**
Others 3/	48,442	53,262	57,178	62,347	**63,283**
Fruits and Nuts					
Pecans	5,664	9,413	4,973	20,394	**2,840**
Others 4/	5,416	5,557	5,192	10,384	**9,563**
Other Products 5/	50,000	154,000	185,350	205,535	**223,974**
TOTAL ALL CROPS	**955,765**	**769,106**	**821,716**	**1,111,886**	**1,185,277**
LIVESTOCK AND LIVESTOCK PRODUCTS					
Cattle & Calves	1,349,092	1,447,271	1,623,630	1,757,084	**1,843,591**
Dairy Products	156,388	152,988	152,760	148,350	**167,522**
Hogs	37,782	39,249	42,807	39,450	**40,373**
Sheep & Lambs	3,563	4,497	4,075	4,516	**4,977**
Chickens(Excl. Broilers)	3,744	3,289	3,575	2,769	**3,675**
Broilers	73,428	114,083	105,096	155,598	**197,584**
Eggs	51,294	61,542	65,444	57,102	**71,685**
Catfish	NA	NA	6,155	3,011	**966**
Misc. Livestock 6/	53,898	74,853	78,068	73,275	**77,853**
TOTAL LIVESTOCK	**1,729,189**	**1,897,772**	**2,081,610**	**2,241,155**	**2,408,226**
TOTAL ALL COMMODITIES	**2,684,954**	**2,666,878**	**2,903,326**	**3,353,041**	**3,593,503**

1/ Individual figures may not add to total due to rounding.
2/ Preliminary figures.
3/ Miscellaneous vegetable, seed and other crops.
4/ Peaches, blackberries, and miscellaneous fruits and nuts.
5/ Other Products includes Forest Products and Greenhouse & Nursery.
6/ Miscellaneous Livestock includes wool, turkeys, and other livestock.

CASH RECEIPTS FROM FARM MARKETINGS, BY MONTHS, OKLAHOMA 1985-1989 1/

Cash Receipts From Marketings	1985	1986	1987	1988	**1989**
	-Thousand	Dollars-			
CROPS					
January	74,753	75,527	49,420	68,131	**111,011**
February	50,654	33,339	38,268	47,873	**54,518**
March	66,931	24,436	43,953	38,378	**58,153**
April	46,835	36,476	38,408	41,987	**47,883**
May	33,695	47,696	46,543	62,402	**73,827**
June	168,628	114,787	111,000	213,854	**224,286**
July	206,801	140,221	84,589	127,864	**139,849**
August	72,822	69,873	104,011	113,139	**113,435**
September	37,952	30,858	41,830	79,275	**111,780**
October	64,343	46,737	67,128	92,701	**87,313**
November	68,246	86,341	97,732	105,249	**72,183**
December	62,640	77,804	87,822	120,038	**91,028**
TOTAL	954,300	784,095	810,704	1,111,886	**1,185,277**
LIVESTOCK & PRODUCTS					
January	134,802	145,631	155,561	150,071	**190,379**
February	120,336	111,244	122,854	159,987	**130,851**
March	128,314	140,459	156,724	162,702	**222,231**
April	133,341	139,739	156,607	181,346	**179,482**
May	141,687	149,338	164,662	198,100	**176,554**
June	133,219	133,728	147,552	165,135	**183,814**
July	134,369	183,001	195,057	164,732	**211,617**
August	148,007	193,510	210,800	204,441	**203,565**
September	151,699	185,345	215,995	231,807	**233,078**
October	197,204	186,062	207,446	282,178	**303,725**
November	172,272	170,822	185,752	197,145	**211,087**
December	130,466	135,296	147,035	144,885	**161,846**
TOTAL	1,725,716	1,874,175	2,066,045	2,242,529	**2,408,226**
TOTAL MARKETINGS					
January	209,555	221,158	204,981	219,202	**301,390**
February	170,990	144,583	161,122	207,860	**185,369**
March	195,245	164,895	200,677	201,080	**280,384**
April	180,176	176,215	195,015	223,333	**227,365**
May	175,382	197,034	211,205	260,502	**250,381**
June	301,847	248,515	258,552	378,989	**408,100**
July	341,170	323,222	279,646	292,596	**351,466**
August	220,829	263,383	314,811	317,580	**317,000**
September	189,651	216,203	257,825	311,082	**344,865**
October	261,547	232,799	274,574	374,879	**381,038**
November	240,518	257,163	283,484	302,394	**283,270**
December	193,106	213,100	234,857	264,918	**252,875**
TOTAL	2,680,016	2,658,270	2,876,749	3,354,415	**3,593,503**

1/ Monthly totals are preliminary; yearly totals revised--columns may not add to yearly total.

GROSS AND NET FARM INCOME, OKLAHOMA, 1985-1989 1/

Description	1985	1986	1987	1988	1989 2/
Number of Farms	72,000	72,000	71,000	70,000	**70,000**
		-Million Dollars-			
Cash Receipts					
Farm Marketings	2,685.0	2,666.9	2,903.3	3,354.4	**3,593.5**
Government Payments	249.5	393.0	362.8	288.4	**234.8**
TOTAL CASH RECEIPTS	**2,934.5**	**3,059.9**	**3,266.1**	**3,642.8**	**3,828.3**
Non-Money Income	221.1	189.8	196.7	204.4	**184.0**
Other Farm Income	150.5	169.6	184.7	190.1	**235.0**
Realized Gross Farm Income	3,306.1	3,419.3	3,647.5	4,037.3	**4,247.3**
Farm Production Expenses	2,699.6	2,651.5	2,701.4	3,073.1	**3,265.8**
Realized Net Farm Income	606.5	767.8	946.1	964.2	**981.5**
Net Change in Farm Inventories	-72.9	-3.8	-70.8	81.2	**76.7**
TOTAL NET FARM INCOME	**533.5**	**764.1**	**875.2**	**1,045.3**	**1,058.1**
			-Dollars-		
Average Per Farm					
Realized Gross Farm Income	45,918	47,490	52,107	57,676	**60,676**
Farm Production Expenses	37,494	36,826	38,048	43,901	**46,654**
Realized Net Income	8,424	10,664	14,059	13,775	**14,022**
TOTAL NET INCOME	**7,410**	**10,613**	**12,327**	**14,933**	**15,116**

1/ Details may not add to totals due to rounding.
2/ Preliminary figures.

All income derived from farm operations and Government farm programs is included in the above table. The following description of terms may be helpful in interpreting the table:

Cash Receipts from Farm Marketings - Receipts from sales, loans made or guaranteed by CCC and purchases under price support programs.

Government Payments - Those payments made to farmers in connection with programs such as Agricultural Conservation, Feed Grain, Wheat and Cotton, Disaster Payments, etc.

Non-Money Income - Includes the value of farm products consumed directly in farm households and the rental value of housing provided by farm dwellings. Expenses are included in the production expense estimates, thus non-money imputations do not add on a dollar-for-dollar basis.

Realized Gross Farm Income - The sum of the above income sources.

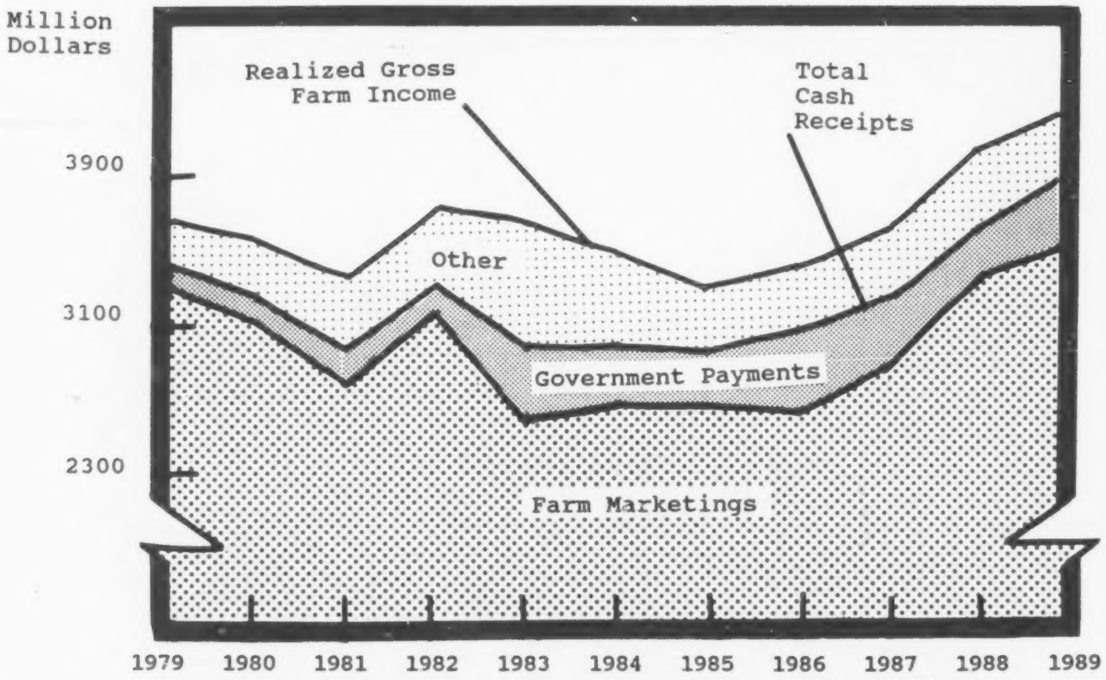
Farm Production Expenses - Cost of current operations (excludes new capital equipment, taxes, and rents).

Realized Net Farm Income - Realized gross income minus production expenses.

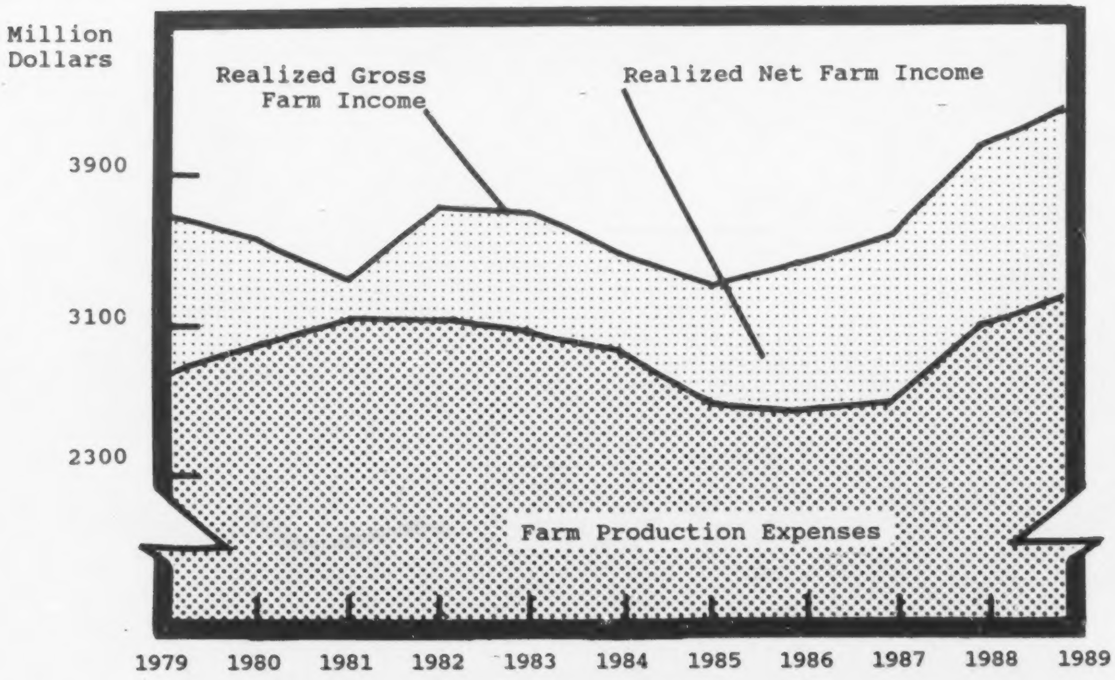
Net Change in Farm Inventories - Value of change in quantities of crops and livestock products kept on farms from one year to the next (may be a minus value).

Total Net Farm Income -- Realized net income plus the net change in inventories.

FARM INCOME, OKLAHOMA, 1979-1989



CASH RECEIPTS, OKLAHOMA, 1979-1989



1990 FARM FINANCE SURVEY

The 1990 Oklahoma Farm Finance Survey was conducted during March by the Division of Agricultural Statistics of the Oklahoma Department of Agriculture. This annual survey is part of a continuing program to gather financial information and evaluate the developing financial situation of Oklahoma producers. This develops a solid foundation of facts and figures for the proposal and evaluation of appropriate public and private policy measures for the agriculture sector. We express our sincere appreciation of the effort and time put forward by the farmers and ranchers who opened their financial books and responded to this survey.

Farm Finance Survey questionnaires were mailed to 5,800 Oklahoma Agricultural producers to obtain current information about their individual financial situations. Subsequently, 946 farmers and ranchers responded with usable reports which provided the data for the analysis to follow. The average size of the operations was 825 acres. This indicates a 'commercial farm and ranch', since the average size is considerably larger than the average for all the farms and ranches in Oklahoma. Comparisons of key measurements continue to indicate consistency with past sample surveys.

INTER YEAR COMPARISON

The 1990 survey is the sixth annual agricultural financial survey in Oklahoma. Comparisons between years are not strictly valid because the sample respondents are not identical for the different years. However, the different survey results are highly consistent in terms of the distribution by (Debt/Asset) D/A ratio categories. The D/A ratio reported as of January 1, 1985 was 0.18 compared to 0.22 for 1986, 0.22 for 1987 and 0.23 for 1988. The respondents for both last year and this year reported a D/A ratio of 0.22. The survey last year reported 45 percent had no debt and this year it was 44 percent that showed no debt.

FARM FINANCE DATA BY DEBT / ASSET RATIO

Of the 946 farmers and ranchers who responded to the questionnaire, 420 or about 44 percent reported no farm debt on January 1, 1990 (see Table). At the other extreme, 82 respondents or about 9 percent reported D/A ratios of over 0.7. It remains important to note that the debt in Oklahoma Agriculture is highly concentrated among a relatively small number of farm and ranch operators.

For the most highly leveraged group, those with D/A over 0.7, they made up about 9 percent of the operators, owned six percent of the assets, but over 30 percent of the debt. Their return to assets was a surprising 12.1 percent but the average D/A ratio was 1.05 (technically insolvent) and a significant number were delinquent on principle and interest. The two least leveraged groups, those with D/A ratios under 0.4, comprised 79 percent of the respondents, owned 77 percent of the assets but had only 31 percent of the debt, up from a year ago when 27 percent of the debt was owned by these two groups.

Average Farm Financial Position by Debt/Asset Ratio.
Based upon 946 respondents, Oklahoma, February, 1990

ITEM	UNIT	DEBT/ASSET RATIO				
		NO DEBT	UNDER 0.4	0.4 TO 0.7	OVER 0.7	TOTAL
Number of Farms		420	329	115	82	946
Age of Operator		64	55	51	49	58
Acres Operated		597	982	1108	964	825
Total Assets	$	260,994	344,419	406,259	220,127	304,124
Total Debt	$	0	59,180	212,121	230,167	66,319
Debt/Asset Ratio		0	0.17	0.52	1.05	0.22
Gross Cash Income	$	35,596	82,794	145,041	91,726	70,180
Net Cash Farm Inc.	$	12,855	26,295	45,743	26,539	22,713
Off-Farm Income	$	26,804	24,892	24,958	23,894	25,662
Return to Assets	%	4.9	7.6	11.3	12.1	7.5
Percent of:						
Farms	%	44.4	34.8	12.1	8.7	100.0
Acres Operated	%	32.2	41.4	16.3	10.1	100.0
Assets	%	38.1	39.4	16.2	6.3	100.0
Debt	%	0.0	31.0	38.9	30.1	100.0
Gross Cash Income	%	22.5	41.0	25.1	11.3	100.0
Net Cash Farm Inc	%	25.1	40.3	24.5	10.1	100.0
Off-farm Income	%	46.4	33.7	11.8	8.1	100.0

FARM FINANCE DATA BY AGRICULTURAL STATISTICS DISTRICTS

While analyzing the current farm finance picture by geographical areas (see Table), the various weather and typographical patterns of Oklahoma come sharply into focus.

The Northwest, or Panhandle area has the largest farms and ranches, acres owned and rented. The return to assets at 11.7 percent was up considerably as it appears there was significant debt reduction in the Northwest in 1989. They also had the largest cash income, expenses and net cash farm income. This reflected the cattle prices and income generated by marketing pasture and wheat forage. Crop income in 1989 was reduced from 1988 levels in the Northwest due to the low yield of wheat and high abandonment of wheat acreage before harvest.

In the West Central area, the assets reported this year were the largest of all districts, cash income was down due to reduced wheat and cotton production; however, the average off-farm income was up about 9 percent over the year earlier and totaled $28,112 per average respondent.

The highest average D/A ratio was 0.28 in the Southwest where debt is traditionally high in the cotton and wheat areas. The ratio was lowest in the East Central area, as it was last year, at 0.14. The larger return to assets was also from the cropland areas in the West and lower in the predominate cattle area of the East side of the State. The Southwest area had a larger off-farm income than net cash farm income for the first time in several years. The Central, South Central, Northeast and East Central areas also had larger off-farm income than net cash income.

This is the third year in a row that respondents at the state level have indicated more average off-farm income than net farm cash income. This indicates the trend continues toward off-farm work to supplement a rural lifestyle. The Eastern areas also show the traditional lower return to assets than the Western side of the State with the more intensive cropland areas. A significant number of farm and ranch operators in the Eastern half of the State continue to be retired from other jobs and are cattle producers only with no cropland acres.

Average Farm Financial Position by Agricultural Statistics District.
Based upon 946 respondents, Oklahoma, February, 1990

ITEM	UNIT	Agricultural Statistics District									
		NW	WC	SW	NC	C	SC	NE	EC	SE	STATE
Number of Farms		76	109	131	148	174	111	111	71	15	946
Age of Operator		56	58	61	58	59	58	57	58	55	58
Acres Operated		1662	920	702	944	571	716	782	616	875	825
Acres Owned		1000	527	391	494	304	442	425	433	692	474
Acres Rented		733	442	322	501	276	275	364	195	235	377
Acres Rented Out		71	49	11	51	9	1	7	12	52	26
Total Assets	$	325,446	355,109	269,639	329,074	256,769	292,124	287,569	348,147	432,846	304,124
Total Debt	$	71,616	83,842	76,604	70,646	52,212	54,533	69,427	49,963	84,912	66,319
Debt/Asset Ratio		0.22	0.24	0.28	0.21	0.20	0.19	0.24	0.14	0.20	0.22
Gross Cash Income	$	94,786	82,353	74,457	79,734	59,412	56,097	64,992	53,811	70,466	70,180
Expenses	$	56,579	52,545	50,126	53,036	41,822	40,091	47,683	39,268	43,524	47,467
Interest Expense	$	7,872	7,503	6,247	6,971	4,065	4,238	7,043	3,513	8,861	5,928
Net Cash Farm Inc.	$	38,207	29,808	24,331	26,698	17,590	16,006	17,309	14,543	26,942	22,713
Off-farm Income	$	25,228	28,112	26,462	25,441	27,560	28,401	20,327	21,213	23,539	25,662
Return to Assets	%	11.7	8.4	9.0	8.1	6.9	5.5	6.0	4.2	6.2	7.5
Percent of:											
Farms	%	8.0	11.5	13.9	15.7	18.4	11.7	11.7	7.5	1.6	100.0
Acres Operated	%	16.2	12.8	11.8	17.9	12.7	10.2	11.1	5.6	1.7	100.0
Assets	%	8.6	13.4	12.3	16.9	15.5	11.3	11.1	8.6	2.3	100.0
Debt	%	8.7	14.6	16.0	16.7	14.5	9.6	12.3	5.6	2.0	100.0
Gross Cash Income	%	10.8	13.5	14.7	17.8	15.6	9.4	10.9	5.7	1.6	100.0
Gross Expenses	%	9.6	12.7	14.6	17.5	16.2	9.9	11.8	6.2	1.5	100.0
Interest Expenses	%	10.7	14.6	14.6	18.4	12.6	8.4	13.9	4.4	2.4	100.0
Net Cash Farm Inc	%	13.5	15.1	14.9	18.4	14.2	8.3	8.9	4.8	1.9	100.0
Off-farm Income	%	7.9	12.6	14.3	15.5	19.7	13.0	9.3	6.2	1.5	100.0

FOREIGN AGRICULTURAL TRADE

Basis for State Estimates

U.S.D.A.'s Economic Research Service (ERS) publishes estimates of U.S. Agricultural Export contributions by States on a fiscal year basis. These estimates by State for major commodity groups were based on the assumption that State contributions to exports are equal to each State's share of production or marketings.

Farm marketing ratios from the Census of Agriculture or other sources were used to calculate State shares where production statistics by State were not available. State export estimates for wheat were calculated based on export inspections for major types, including hard red winter, spring, and durum. Census Bureau export data groups all wheat types into a single commodity. Wheat export inspections from different port areas yielded information on hard winter, hard spring, soft winter, and durum. Estimates of feeding and ending stocks for feed grains were used along with production by State.

The share-of-production method was used to compute export shares for cotton, cottonseed, soybeans and products, peanuts, and rice. For some commodities, production was not readily available.

AGRICULTURAL EXPORTS: OKLAHOMA AND THE U.S., 1987-1989 1/

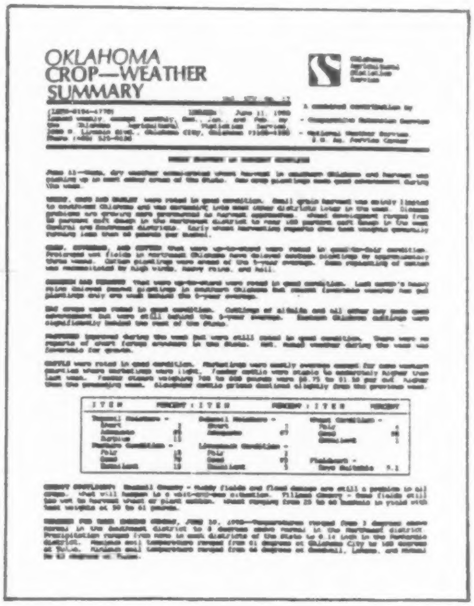
COMMODITY	OKLAHOMA			UNITED STATES		
	1987	1988	1989	1987	1988	1989
	-Million			Dollars-		
Wheat and Products	196.0	348.9	549.3	3115.6	4,675.1	6,292.0
Cotton and Linters	30.9	51.1	40.5	1,429.4	2,150.1	2,058.9
Soybeans and Products	14.2	21.6	18.1	5,752.9	6,972.2	5,773.5
Peanuts and Products	11.0	9.4	12.0	220.3	156.9	212.8
Seeds	3.3	3.7	4.5	371.1	414.7	500.1
Cottonseed and Products	1.3	2.7	2.1	56.1	114.5	106.8
Tree Nuts	0.3	0.4	1.7	593.7	779.7	688.5
Fruits and Preparations	0.1	0.2	0.2	1,466.2	1,714.1	1,800.3
Feed Grains and Products	-	-	-	4,662.3	6,228.5	8,345.8
Tobacco Unmanufactured	-	-	-	1,203.1	1,297.1	1,273.9
Vegetables and Preparations	-	-	-	1,175.8	1,280.5	1,545.7
Rice	-	-	-	550.5	731.4	954.8
Sunflowerseed and Oil	-	-	-	153.4	231.8	155.3
Animals & Meat, Excl. Poultry	24.7	22.5	18.5	1,630.2	2,248.6	2,829.8
Hides and Skins	24.1	13.3	5.4	1,665.6	1,836.8	1,713.0
Fats, Oils and Greases, Animal	6.8	4.2	1.7	416.8	544.6	530.8
Poultry and Products	6.7	6.0	7.0	594.3	647.4	728.2
Dairy Products	2.8	3.6	3.5	490.6	535.5	474.7
Feeds and Fodders	5.6	5.6	6.8	671.9	874.3	1,061.1
Other	9.4	14.1	27.5	1,656.3	1,944.9	2,604.9
ALL COMMODITIES	**337.1**	**507.4**	**698.8**	**27,876.2**	**35,378.7**	**39,651.0**

1/ Source: ERS Foreign Agricultural Trade of the United States - Fiscal Year ending September 30, 1989.

LIST OF AVAILABLE REPORTS

The Oklahoma Agricultural Statistics Service publishes official estimates of crop and livestock production, prices received and paid by farmers, and various other special reports. The reports containing such data are shown below. These reports are free to producers and anyone else who submits reports to the Agricultural Statistics Service. Others need to subscribe by submitting a subscription form and fee. You may obtain the subscription form by writing:

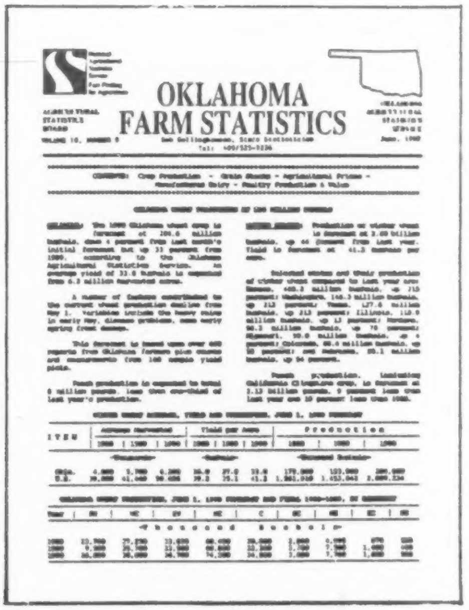
Oklahoma Agricultural Statistics Service
2800 N. Lincoln Blvd.
Oklahoma City, Oklahoma 73105-9933
Telephone: 405/525-9226



OKLAHOMA CROP—WEATHER SUMMARY

RELEASE	ANNUAL FEE
"Oklahoma Crop-Weather Summary" (Issued weekly March thru November)	$12.00

Contains weekly summary on progress, status, or happenings relating to crops, livestock, and weather from March through November.



OKLAHOMA FARM STATISTICS

"Oklahoma Farm Statistics" (18 issues per year)	$10.00

Contents vary throughout the year to include Oklahoma and U.S. crop acreages, yield and production, slaughter, wool, milk, poultry, farm numbers, income, farm employment, agricultural prices and miscellaneous reports.

Issue numbers and dates:

(1) Jan 16
(2) Jan 29
(3) Feb 8
(4) Mar 8
(5) Apr 4
(6) Apr 25
(7) May 16
(8) Jun 15
(9) Jun 29
(10) Jul 16
(11) Jul 25
(12) Aug 13
(13) Sep 17
(14) Oct 15
(15) Oct 25
(16) Nov 16
(17) Dec 14
(18) Dec 28

GREAT SEAL OF THE STATE OF OKLAHOMA
1907
UNITED STATES DEPARTMENT OF AGRICULTURE
1862
1889
AGRICULTURE IS THE FOUNDATION OF MANUFACTURE AND COMMERCE